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Arbeitsbericht NAB 16-19

FEBEXe:

Final Sensor Data Report (FEBEX "in situ" Experiment)

March 2016

V. Martínez, H. Abós and J.L. García-Siñeriz

AITEMIN

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for the Disposal of
Radioactive Waste

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KEYWORDS

FEBEXe, FEBEX-DP, sensors, data report

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1 Introduction

1.1 The FEBEX Project

FEBEX (Full-scale Engineered Barrier Experiment in Crystalline Host Rock) is a research and demonstration project that was initiated by Enresa (Spain).

The aim of the project is the study of the behaviour of near-field components in a repository for high-level radioactive waste in granite formations. The main objectives of the project may be grouped in two areas:

a) Demonstration of the feasibility of constructing the engineered barrier system in a horizontal configuration according to the Spanish concept for deep geological storage (AGP), and analysis of the technical problems to be solved for this type of disposal method

b) Obtaining a better understanding of the thermo-hydro-mechanical (THM) and thermo-hydro-geochemical (THG) processes in the near field, and development and validation of the modelling tools required for interpretation and prediction of the evolution of such processes

The project consists of two large-scale tests (see Fig. 1) – "in situ" and "mock-up" (this one managed by CIEMAT in Spain) –, a series of laboratory tests, and THM and THG modelling tasks.

The full-scale heating test ("in situ" test), to which this document refers, was performed at the Grimsel underground laboratory in Switzerland, also known as Grimsel Test Site (GTS) or Felslabor Grimsel (FLG in German). A complete description of the FEBEX project objectives and test program may be found in the "Pre-operational Stage Summary Report" (Fuentes-Cantillana et al. 1998a).

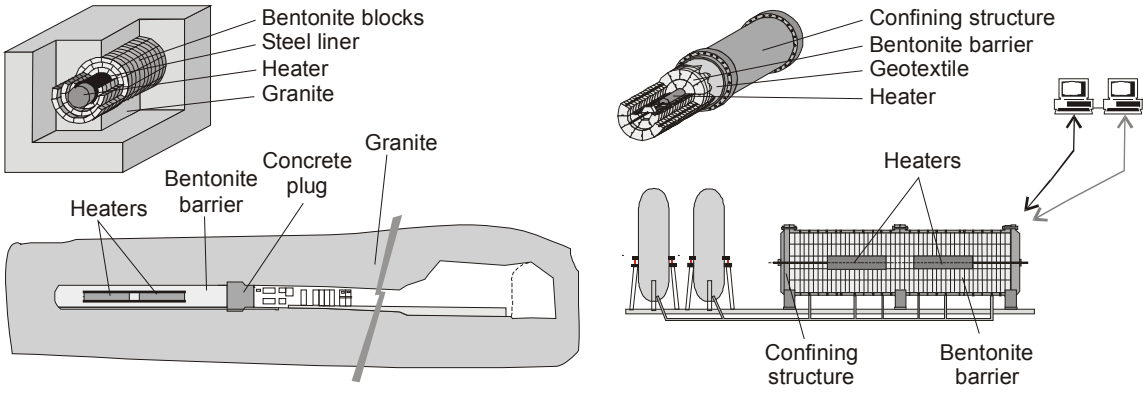


Fig. 1: Overall layout of FEBEX "in situ" test (left) and "mock-up" test (right).

The project started in 1994, and has been supported by the European Commission through consecutive contracts, identified as FEBEX I (Contract No. FI4W-CT-95-0006) for the period January 1996 to June 1999, and FEBEX II (Contract No. FIKW-CT-2000-00016), from September 2000 to December 2004. Afterwards, NF-PRO took place from January 2005 to December 2007. Finally, in January 2008 the "in-situ" test was transferred from Enresa to a consortium consisting of SKB (Sweden), Posiva (Finland), CIEMAT (Spain), Nagra

(Switzerland) and more recently KAERI (South Korea) (The Febex-e Consortium), which nowadays supports it.

The "in situ" experiment excavation was carried out in 2015 and new partners, interested in taking part in the planned sampling and analysis operations, have been integrated in the Consortium (now called FEBEX-DP) for that purpose, namely US DOE (USA), OBAYASHI (Japan), RWM (UK), Andra (France), BGR (Germany) and SURAO (Check Republic).

1.2 Test configuration during FEBEX I

The installation of the "in situ" test was carried out in the GTS. A horizontal drift with a diameter of 2.28 m was excavated in the Grimsel granodiorite especially for this experiment using a TBM. Two electrical heaters, of the same size and of a similar weight as the reference canisters, were placed in the axis of the drift. The gap between the heaters and the rock was backfilled with compacted bentonite blocks, up to a length of 17.40 m, this requiring a total 115'716 kg of bentonite. The backfilled area was sealed with a plain concrete plug keyed into a recess excavated in the rock and having a length of 2.70 m and a volume of 17.8 m^3. Fig. 2 shows the dimensions and layout of the test components schematically.

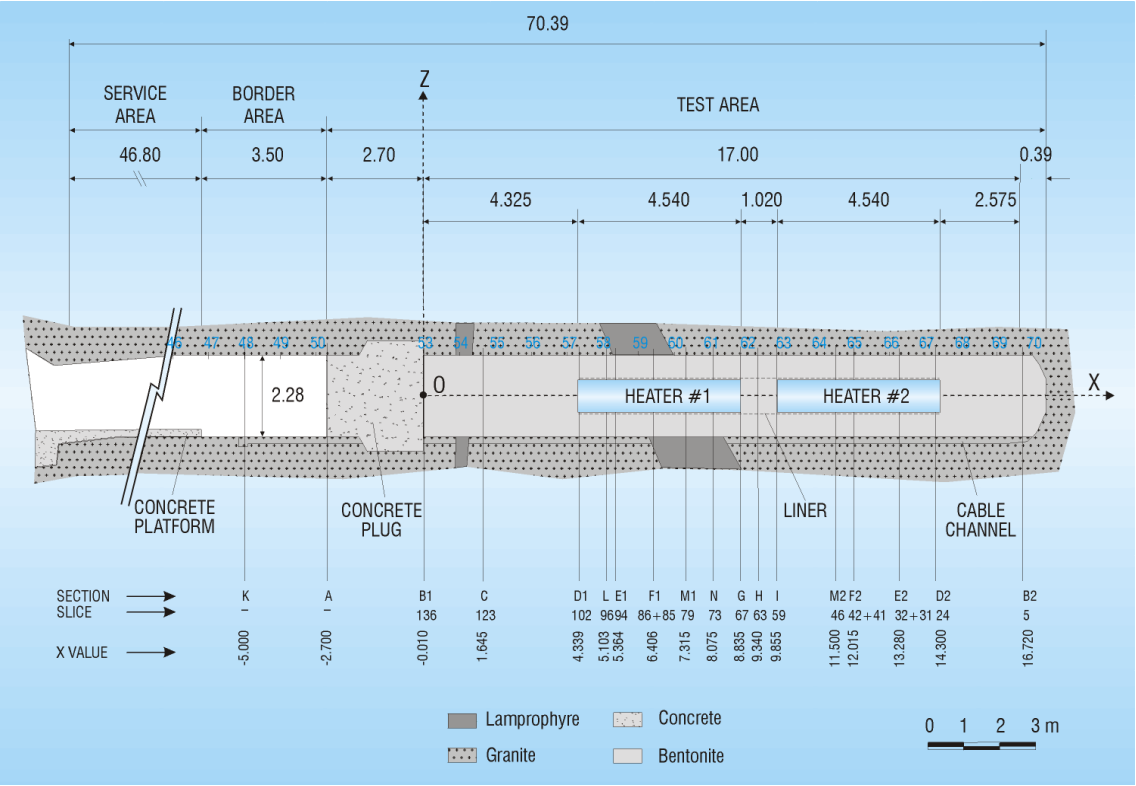


Fig. 2: General layout of the FEBEX "in situ" test (FEBEX I configuration).

A total of 632 instruments were placed in the system along a number of instrumented sections, both in the bentonite buffer and in the host rock, to monitor relevant parameters such as temperature, humidity, total and pore pressure, displacements, etc. The instruments were of many different types and their characteristics and positions are fully described in the report

titled "Final Design and Installation of the In-Situ Test" (Fuentes-Cantillana & García-Siñeriz 1998b).

A Data Acquisition and Control System (DACS) located in the service area of the FEBEX drift collected the data provided by the instruments. This system recorded and stored information from the sensors and also controlled the power applied to the electrical heaters, in order to maintain a constant temperature at the heaters/bentonite interface. The DACS allowed the experiment to be run in an automated mode, with remote supervision from Madrid. Data stored at the local DACS were periodically dumped remotely from Madrid and used to build up the experimental Master Data Base.

The construction of the concrete plug was completed in October 1996, and the heating operation started on February 28, 1997. A constant temperature of 100 °C was maintained at the heaters/bentonite interface, while the bentonite buffer was slowly hydrating with the water naturally discharging from the rock. A complete report that includes both the installation of the test and the results gathered after two years of operation is given in "FEBEX full-scale engineered barriers experiment for a deep geological repository for high level radioactive waste in crystalline host rock Final Report" (Fuentes-Cantillana et al. 2000)

1.3 Dismantling of heater 1 and test configuration afterwards (FEBEX II)

A partial dismantling of the FEBEX "in situ" test was carried out during the summer of 2002, after 5 years of continuous heating. The operation included the demolition of the concrete plug, the removal of the section of the test corresponding to the first heater, and the sealing with a new shotcrete plug. A large number of samples from all types of materials were taken for analysis. A number of instruments were subsequently dismantled, as well as a few new ones were installed. Accordingly, systems design was adapted, and the physical layout was changed in order to facilitate the partial dismantling operation.

The buffer and all components were removed up to a distance of 2 metres from heater #2 to minimize disturbance of the non-dismantled area. A dummy steel cylinder with a length of 1 m was inserted in the void left by heater #1 in the centre of the buffer. Some new sensors were installed in that one additional metre of bentonite buffer.

Additional sensors were introduced in boreholes drilled in the buffer parallel to the drift. To simplify this operation, the new concrete plug was constructed in two phases: an initial temporary plug measuring just 1 m in length, which was built immediately after dismantling, and a second section to complete the plug length to the 3 m planned in the design of the experiment. Unlike FEBEX I, the new plug was a parallel plug, without keys excavated in the rock, constructed by shotcreting.

The description of the partial dismantling operation is given by the report titled "Description of Operations" (Bárcena et al. 2003). The configuration of the test, after completing the partial dismantling operation and construction of the full plug length, is shown in Fig. 3.

A more complete report covering the period from the conception of the test until two years of operation after the partial dismantling is given by the document titled "Final Report 1994 – 2004" (Huertas et al. 2006).

1.4 Concept of the dismantling of heater 2

The objective of the second dismantling operation, carried out during 2015, was to dismantle all the remaining parts of the "in situ" test, including the heater #2. This operation includes carrying out a complete sampling of the bentonite, rock, relevant interfaces, sensors, metallic components and tracers to allow the analysis of the barriers condition after 18 years of heating and natural hydration.

Analytical results will be compared with data obtained from the partial dismantling (Huertas et al. 2006); the monitoring data (this report) as well with the results derived from modelling efforts (Lanyon and Gaus 2013). The results are expected to increase the current knowledge and confidence for the FEBEX-DP partners on bentonite performance with a focus on thermo-hydro-mechanical (THM) and thermo-hydro-chemical (THC) processes as well as on corrosion and microbial activity. The reporting of the laboratory analysis and dismantling results is expected to be complete by the end of 2016 with a final integrated report issued in early 2017.

All details about the planned dismantling operation and sampling program are given in the reference documents: "FEBEX-DP (GTS) Full Dismantling Test Plan (Bárcena & García-Siñeriz 2015b), "FEBEX-DP (GTS) Full Dismantling Sampling Plan" (Bárcena & García-Siñeriz 2015a) and its update (Rey et al. 2015).

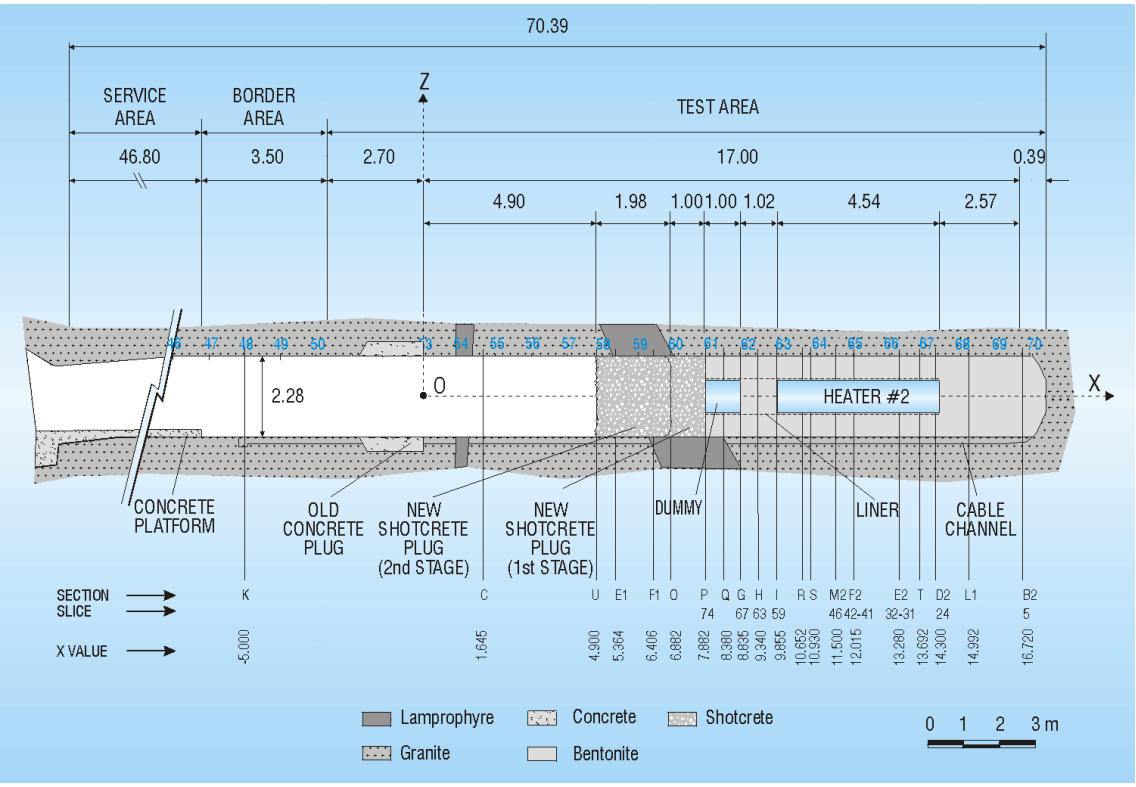


Fig. 3: Status of the FEBEX "In situ" test after the partial dismantling (FEBEX II configuration).

1.5 Objectives and contents

This data report is complementing the "As-built" report of the experiment dismantling (García-Siñeriz et al 2016) to facilitate the comprehension. The FEBEX "in situ" experiment was the longest running full scale experiment of its kind in the world, providing a unique dataset as well as useful information on the EBS evolution in terms of sealing, corrosion, and saturation time and pattern.

2 General comments

This is the ninth and final FEBEX "in situ" experiment data report issued under the FEBEXe/FEBEX-DP Project. This report covers more than one full year since the last one, which covered up to day 6272 (01.05.2014), in order to collect the information provided by the monitoring instrumentation during the final dismantling of the test, which ended in August 2015.

As usual, any change that occurred in the evolution of the experiment since the last data report is highlighted in italic font. This time the focus was on the effects of the dismantling operation.

For this final data report, the usual data plots are complemented by another one showing a zoom from date 6'548 (01.02.2015) in order to gain insight in the evolution of data during the dismantling operation. Three vertical lines have been included in the plots showing: in blue the start-up of the plug dismantling (day 6614), in red the heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).

3 Test operation

The most relevant information about the experiment operation is given hereafter.

3.1 Operational works

The dismantling started on the 8th of April 2015 (day 6614) with the demolition of the concrete plug; however, the overcorings done through the plug in February-March 2015 were reflected in the measurements too. heater #2 was switched off on the 24th of April 2015 (6'630) to let the buffer cool down for the dismantling and sampling of the bentonite buffer. The plug demolition finished on the 8th of May 2015 (6'644) when reaching the bentonite buffer. The bentonite buffer was completely removed by the 5th of August 2015 (6'733). The Data Acquisition System was kept on-duty until the 23rd of October 2015 in order to complete the inspection of some sensors. All these activities are fully described in the As-built document.

3.2 Incidents

Two main incidents were recorded during this period:

1. *Around 11h05 (GMT +1) on Tuesday the 25th of November 2014, the general power shut down in FEBEX installations at the GTS (Grimsel Test Site). During such power shut-down all auxiliary equipment was kept on thanks to the UPS but not the heater power that is not backed up by any UPS system. However, even after restoring general power to the heating power (power applied to heater 2 resistances) was not recovered.*

   The inspection made by local staff at GTS found that some current breakers involved in the heating power lines were down or remained active only during a short period when reset at the main power cabinet, located close to the FEBEX gallery entry. An electrician changed those faulty breakers and the heating phase was restored using R2A on 28.11.2014.

   A test of changing the lines to the resistors was also performed, showing that the heating can be changed to R2B with no problem, but when changing to R2C the power applied reached the maximum (4'000 W) which suggested there was an additional problem in this power line.

   On the 5th of December 2014 AITEMIN technicians went to the GTS and changed the defective controller of R2C leaving the heating control system fully operational.

2. *During 13th – 14th of January some internet/telephone GTS lines experienced maintenance works/shutdowns. Following that, on the 15th of January GTS staff noticed that heating had changed from R2A to R2B. Then AITEMIN detected that connection from outside was lost (internet/phone lines involved), so Nagra staff was warned and when trying to find the reason on site they observed that heating was being performed at full voltage.*

   On the 16th of January 2015 AITEMIN technicians went to the GTS and achieved restoration of the communication lines. They realised that R2C was the currently active line and was faulty and providing full-scale power. Thus, they changed the defective controller of R2C for a working one. Tests were performed to check the correct behaviour of all resistors and the heating control system was left fully operational.

3.3 Maintenance activities

Besides the repair activities made to solve the indicated incidents in relation with the power supply of heater #2, performed on the 5th of December 2014 and 16th of January 2015, no regular maintenance visits were carried out by AITEMIN during the reported period.

However, several activities were carried out from the 2nd to the 12th of February 2015 to prepare the dismantling and sampling operation, as described in the As-built document.

3.4 Applied thermal power

Approximately two years after the start of the experiment, the applied power at heater #2 started to increase slightly, maintaining the trend until the decommissioning of heater #1. A noticeable increase of about 5 % (about 100 W) was clearly seen during approximately two months after disconnecting heater #1. Since then, the applied power in heater #2 has been almost linear with time (see applied current, voltage and calculated power at Pages 22 – 29). Total increase in power seen from day 56 (24.04.1997) *up to the switching off day* was around *18.5 %.*

The power was always controlled in constant temperature mode by using the highest temperature registered by any of the six internal thermocouples located in the central section of the heater as control temperature (see temperatures at Page 28 and 29). Usually heating was applied through resistor RA, this corresponds historically to sensor TH2-10, which had to remain at about 130.6 ºC to keep the external reference temperature (sensor TSF2-01, see Page 36) at the target level of 100 ºC. Consequently, that was the setpoint initially applied. This setpoint was then manually increased over time to keep the target level of the external reference.

Heating was performed with resistor RB from day 4633 (04.11.2009) to day 4815 (05.05.2010), due to a problem in November 2009 (see Data Report #3). It was then carried out by RA again from day 5062 (07.01.2011) due to a problem noticed on line B (see Data Report #5). *No power was provided between the 25th and the 28th of November 2014 (days 6480 to 6483) causing a general descent of temperatures (see Page 25). The faulty behaviour of line R2C on 15.01.2015 caused a slight increase in temperatures which is not high enough to be reflected in the plots.* As a consequence, the setpoint was adapted accordingly. At the end of the reported period this setpoint had a value of 135.0 ºC, reached by sensor TH2-10. For this setpoint, the heating power provided by resistor RA was around 2'796 W, which corresponds to the normal increasing trend.

4 Sensor data

The data recorded are described by parameter type in the next section.

4.1 Air velocity, atmospheric pressure and relative humidity in the drift (service area)

The evolution of the air velocity (ventilation in the drift, p 16 and 17) and atmospheric pressure (p 18 and 19) have been quite stable until the start of the dismantling activities, represented by the random values of the drift ventilation since then. Also the annual cyclic behaviour of the relative humidity (p 20) was clearly disrupted by the dismantling activity. The former changes in the air velocity are related with manual adjustments of the main ventilation system of GTS, which used to be linked with lower relative humidity values when the air speed is higher.

4.2 Temperature

In general, temperatures in the bottom part of the buffer have been higher than those in the sides and upper part for each section all the time (see Pages 30 – 43). Trends were maintained up to the heater shut down, with very slow increases in general.

In some of the radial boreholes around the heater (in the rock, see Pages 44 – 77), temperatures were rising slowly in the intervals close to the gallery (see for instance boreholes SF12, SF13, SF21 and SI1 on P. 54 – 55, 56 – 57, 60 – 61 and 68 – 69 respectively) which may respond to the increasing trend in the supplied power due to the higher conductivity of the barrier.

A summary of temperatures *before the shut down of the heater #2* is shown in Tab. 1.

Tab. 1: Temperature sensors in bentonite on the 24th April 2015 (ºC).

Average increases/decreases with regard to the last report are included in brackets.

	Section G (1 m from heater)	**Section I** (heater front)	**Section S** (1 m into heater zone)	**Section F2** (middle of heater)	**Section D2** (heater rear end)	**Section B2** (gallery end)
Outer ring	30 – 34 (0)	37 – 39 (0)	--	--	36 – 37 (0)	22 (0)
Intermediate ring	34 – 39 (0)	54 – 63 (+ 0.5).	72 (1)	75 (0)	54 – 56 (1)	20 – 22 (1)
Inner ring	36 – 41 (-1)	84 – 87 (+ 0.5)	93 (1)	94 – 99 (+ 0.5)	83 – 88 (+ 1.5)	22 (0)

Temperatures dropped fast in the buffer and in the rock after the switching-off heater #2 as can be seen in all the graphs (Pages 30 – 77). The decrease is faster and higher when closer to the heater (see for instance Section F2 for buffer, Page 36 – 37, and Borehole SF12, Page 54 – 55). A summary of the temperature decrease is given in Tab. 2 and 3. Fig. 4 and Fig. 5 illustrate the temperature decay.

Tab. 2: Temperature drop in bentonite after the 24th April 2015 (ºC).
Average decreases within 20 days in brackets.

	Section G (1 m from heater)	**Section I** (heater front)	**Section S** (1 m into heater zone)	**Section F2** (middle of heater)	**Section D2** (heater rear end)	**Section B2** (gallery end)
Outer ring	24 – 25 (- 7.5)	27 – 28 (- 5.5)	--	--	27 (- 9.5)	22 (0)
Intermediate ring	25 (- 11.5)	29 – 30 (- 29).	32 (- 40)	32 (- 43)	29 – 30 (- 25.5)	21 – 22 (+ 0.5)
Inner ring	23 – 24 (- 15)	29 – 31 (- 55.5)	32 (- 61)	32 (- 64.5)	30 – 32 (- 54.5)	22 (0)

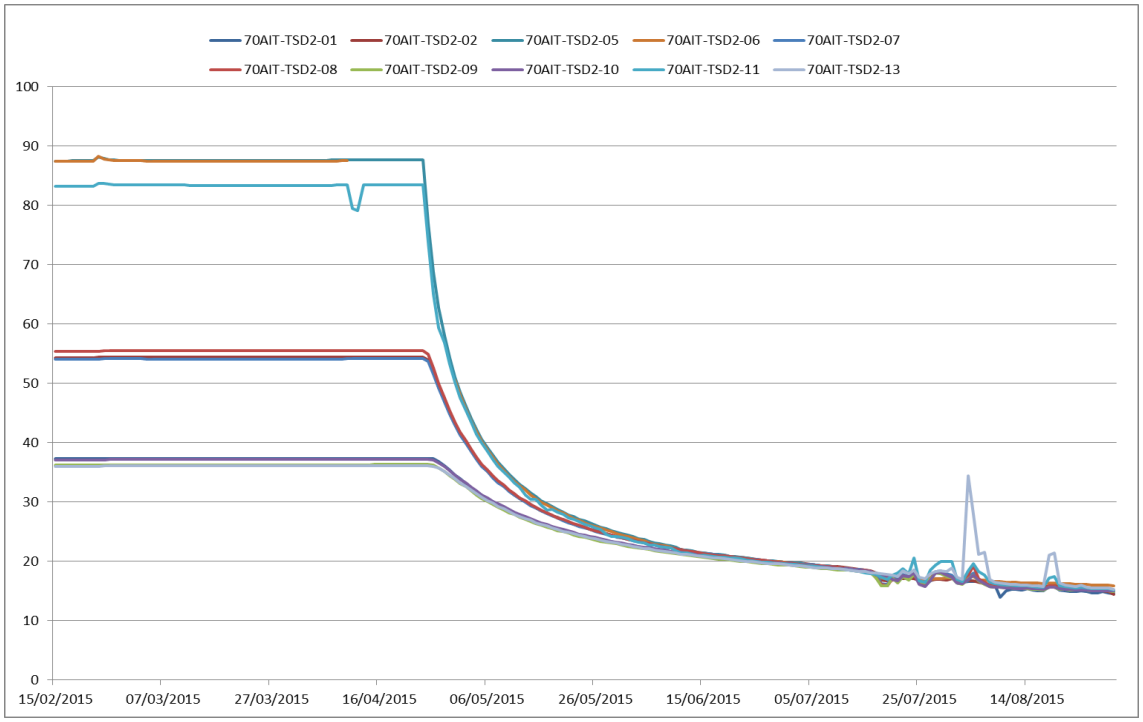


Fig. 4: Evolution of temperatures (ºC) in Section D2 during the dismantling of the plug.

Tab. 3: Temperature drop in rock after the 24th April 2015 (ºC).
Average decreases within 20 days in brackets.

	Borehole SF21 (middle of heater, upwards, 0º)	**Borehole SF22** (middle of heater, right hand, 100º)	**Borehole SF23** (middle of heater, downwards, 170º)	**Borehole SF24** (middle of heater, left hand, 260º)	**Borehole SJ5** (heater rear end)
1 (farthest)	14 (0)	14.5 (0)	--	16 (0)	15 (0)
2	20 (- 1)	16 (0).	16.5 (0)	25 (- 2.5)	16 (0)
3	25.5 (- 3)	24.5 (- 2.5)	25 (- 2.5)	29 (- 12)	--
4	28 (- 10)	28.5 (- 10.5)	--		20 (- 1.5)

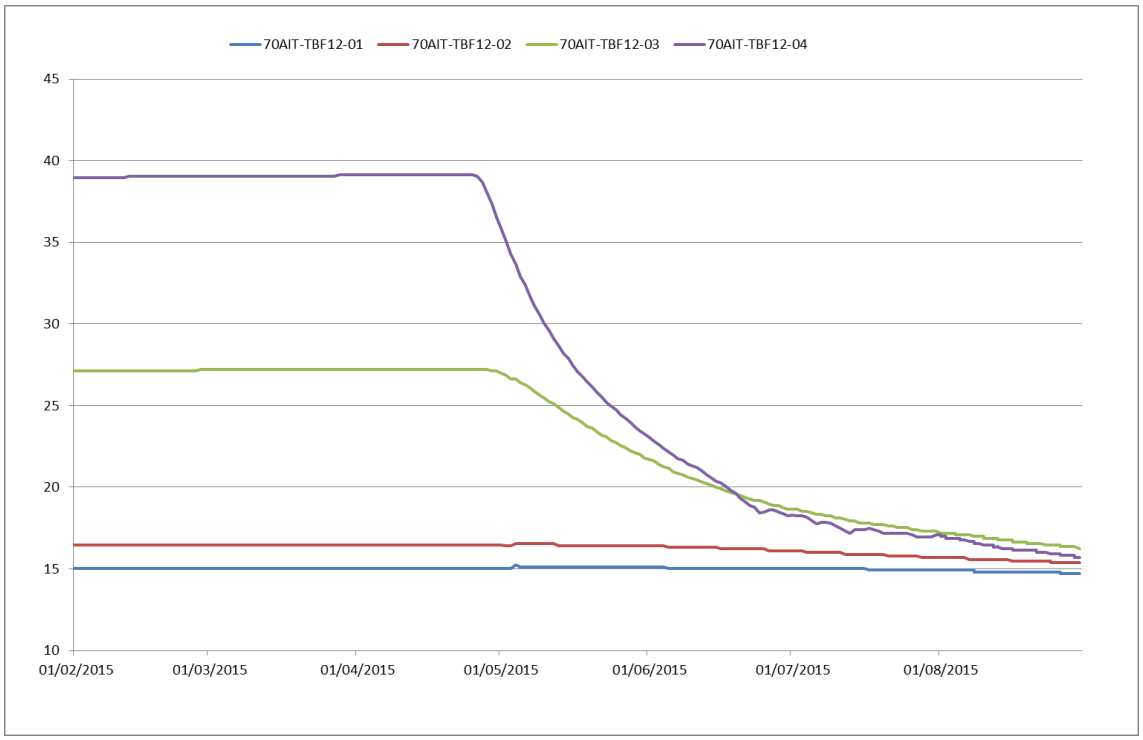


Fig. 5: Evolution of temperatures (ºC) in borehole SF12 during the dismantling of the plug.

4.3 Total pressure

Total pressure readings were recorded intermittently for few sensors since beginning 2014 due to some problems related with either acquisition hardware or software but readings were operational again after the maintenance visit made on day 6261 (22.04.2014), although the data stream is not completely continuous.

According to the graphs, see Pages 78 – 99, total pressures continued the previous trends that are increasing in all points into the buffer, and also in the contact bentonite/rock. Pressures along the buffer can be seen in Tab. 4.

Tab. 4: Total pressures in bentonite on the 24th April 2015 (MPa).

Average increases/decreases with regard to the last report are included in brackets.

	Section E1 (contact rock - plug)	**Section P** (contact plug - bentonite)	**Section G** (1 m from heater zone)	**Section I** (heater front)	**Section F2**[1] (middle of heater)	**Section E2**[2] (1 m from heater rear end)	**Section B2**[3] (gallery end)
Radial direction	Rock surface 0.78 (- 0.19)	--	--	--	Rock surface --	Rock surface > 5	--
	--			--	Intermediate ring --	--	
	--			Inner ring 0 (0)	--	--	
Tangential direction	--	--	--	Intermediate ring 2.20 (- 0.3)	Intermediate ring 2.14 (+ 0.13)	--	--
				Inner ring --	--		
Axial Direction	--	Intermediate ring 5.41 – 5.74 (- 0.39)	--	--	--	--	Intermediate ring 5.97 (+ 0.17)
		--	Centre of section 5.67 (+ 0.05)				--

A brief analysis follows.

At the rear end of the buffer (see Section B2 on Page 78 – 79) the available data indicates that axial pressure continued to increase at a slow rate, with values over 5 MPa. *Sensor PSB2-03 seems to be out of order.*

In the heater zone, data from the pressure cells in the heater/bentonite contact are not reliable. However, it should be noticed that in Section E2 (see Page 82 – 83), pressure at the bottom of the heater/bentonite contact was over 3 MPa and increasing before the sensor failure back in 2005.

No pressures were registered lately in the inner bentonite ring in the centre of the heater zone (Section F2 p 86-87 or Section I, Page 94 – 95).

According to the pressures registered in the intermediate bentonite ring, the values for tangential pressure were over 2 MPa in the middle of the heater (see Section F2 in Pages 86 -

[1] This section has no reliable data from previous report.

[2] This section has no reliable instruments from some time ago.

[3] Last valid data was taken on 10.10.2014

87) and decreasing from 2.5 MPa in the heater front (see Section I in Pages 94 - 95). For radial pressures the values in these two sections were smaller, around 1.6 MPa until its failure in Section I and 1.2 MPa in Section F2, instrument which was considered faulty since day 5607 (05.07.2012).

For radial pressure in the bentonite/rock contact, the reading of sensor at the bottom point of Section F2 (see Page 86), rose above the theoretical 6 MPa reaching the highest pressure ever throughout the entire experiment on 10.10.2014: 6.68 MPa.

At the rear end of the dummy canister (see Section G on Page 92 – 93), located one metre away from the heater's front face, the axial pressure registered by the sensor at the central point *was increasing again* after the slow decrease that followed the maximum pressure of 6.13 MPa reached at the end of 2006. The *last value before dismantling was 5.67 MPa.*

The slow decrease of Section G is not observed at one metre distance, at the concrete/bentonite contact, where pressure has been rising since the construction of the new plug, *before slightly decreasing lately due to the dismantling activities* (see Section P in Pages 90 – 91).

Pressure cells installed between the two sections of the new plug (see Section O in Pages 88 – 89) registered practically no pressure until they stopped functioning.

Pressure cells located at the rock surface in the old Section E1 (see Pages 80 – 81) and Section F1 (see Pages 84 – 85) of the dismantled zone is totally covered by the new plug. *The still operative cells kept registering very slightly increasing pressures up to around 1.00 MPa in Section E1, and 0.91 MPa in Section F1 before the dismantling of the plug. This was due to the transmission of the pushing force from the bentonite swelling throughout the concrete mass towards the rock walls.*

In the radial boreholes excavated in the rock, the total pressures kept rising at a constant rate both in borehole SG1 and SG2 (see Pages 96 – 97 and 98 – 99) *up to the start of the dismantling operation*.

Dismantling operations affected total pressures, causing values to drop clearly in Sensor 04 in Section E1, Sensor 01 in Section F1, both sensors in Section P (see Fig. 6), Sensor 01 in Section G (see Fig. 7) and sensors in borehole SG2 (see Fig. 8). Pressure drops started even before the dismantling works due to the overcorings made prior to plug excavation.

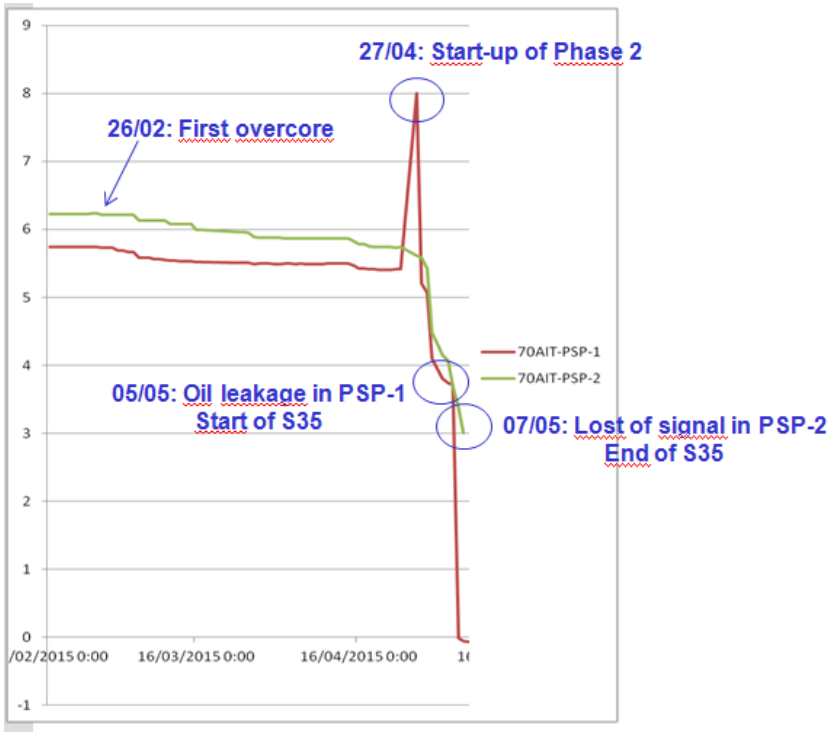


Fig. 6: Detail of total pressures evolution in Section P during the dismantling of the plug (MPa).

Fig. 7: Detail of total pressures evolution in Section G during the dismantling of the plug (MPa).

Fig. 8: Evolution of total pressures in borehole SG2 during the dismantling operation (MPa).

4.4 Pore pressure in bentonite

Some of the pore pressure sensors suffered from the same problem as the total pressure instruments commented before and few plots show little reliable data available during that period. The available data seems to confirm the previous increasing trends. The maximum registered pressure was 0.38MPa at the right-hand side of Section E2 (see Pages 138 – 139) during the last periods.

4.5 Packers pressure in boreholes

As can be seen in Pages 100 – 137, the last two packer re-inflation campaigns were carried out for those units installed in the boreholes of the FEBEX drift on days 5'920 (14.05.2013) and 6'264 (23.04.14). Afterwards, as usual, the pressure in the packers continued a decreasing trend.

The effect of the cooling due to the heater switch-off can be clearly seen in all of them showing a faster pressure decrease that is more intense when closer to the heater location. This phenomenon is not seen in those boreholes running at a larger distance from the FEBEX drift as the BOUS or FBX ones, see Pages 130 – 137, where only a minor decrease can be seen in those packers located closer (for instance in packers 1 and 2 in FBX2, Page 136 – 137).

4.6 Hydraulic pressure in boreholes

A period of progressive fall and subsequent rise to previous values was seen in some of the boreholes (e.g. SF14 and SF24, Pages 158 – 159 and 166 – 167) a few days after some of the acquisition cards restarted to work, following the storms' incidents. This behaviour started around day 4977 (14.10.2010), and both the drop and the following increase took one month each. This could be explained by some work or sampling campaign carried out at the GTS during those dates. Despite that fact, an additional fall happened starting around day 5361 (02.11.2011).

A remarkable and sudden shift (increasing in most cases) can be seen on day 5793 (07.01.2013) in almost all of the hydraulic pressure plots. Pressures in borehole FBX2 (Page 180) show a remarkable change that day and these values have remained quite stable since then.

A new drop happened around day 5972 (05.07.13) affecting almost all borehole pressures. Most of them have recovered with almost no variation from previous values, and seem now to experiment a slightly increasing trend. An exception is SF14, Page 158, which has values shifting to lower values.

Apart from the former, pressures in the radial boreholes were practically stable, *see Pages 144 – 181, up to the development of the dismantling operation that induced a drop in all intervals for boreholes close to the FEBEX drift, which are all of them except these in BOUS 1 & 2. An example of the pore pressure drop is given in Fig. 4. The wiggles between days 6'300 & 6'600 in BOUS boreholes (Pages 174 – 175 & 176 – 177) can be attributed to intense LASMO geochemical sampling campaigns*.

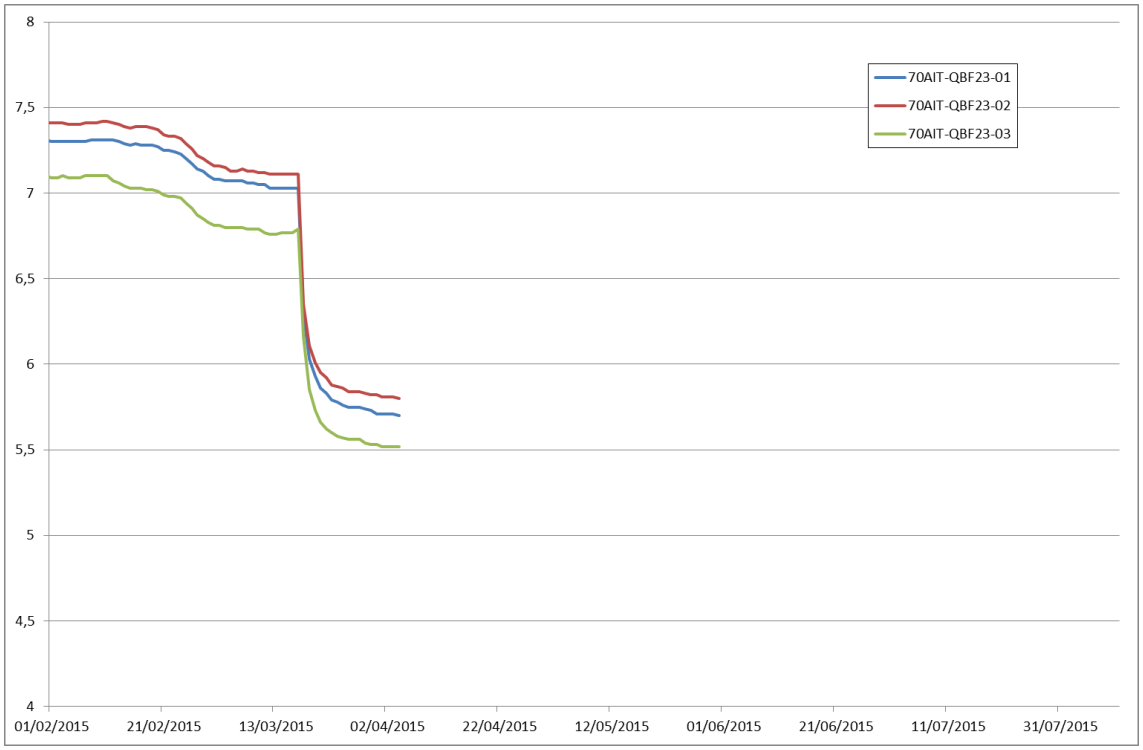


Fig. 9: Evolution of pore pressures (kPa × 100) in borehole SF12 during the dismantling of the plug.

4.7 Displacements

The readings of the displacement sensors measuring the displacement of the concrete plug can be seen on Page 182.

The majority of displacement sensors were out of order and the functional ones showed practically no variations in later stages, see Pages 184 – 193. This applies both to the sensors installed in the bentonite blocks or those measuring the heater displacement. The recorded values were almost constant in the bentonite block displacement sensors in Sections E2 and F2 (see Pages 190 – 191 and 192 – 193). Besides, no clear conclusions were extracted from the sensors measuring the heater displacement, given the poor confidence on the readings obtained from them *due to the expected corrosion effects in the attachments to rock and liner.*

According to the available data, see Pages 194 – 197, the values seem to remain constant in the rock extensometers too. The crack meter or fisurometer, installed in Section F2 (Pages 198 – 199), was out of order almost from the beginning of the test.

4.8 Humidity

The **capacitive sensors** in the outer and intermediate rings of bentonite blocks reached full saturation *during previous periods and therefore they stopped providing reliable readings*. The inner ring of blocks reached humidity close to saturation in the contact with the dummy canister (see Section G on Pages 206 – 207), by September 2013 (around day 6030). In the inner ring of the heater front (see Section I on Pages 210 – 211) one of the sensors (70AIT-WCSI-03) reached 100 % while the other (70AIT-WCSI-06), *showed oscillating values around a value of 54 %.* An overview of the values from capacitive sensors can be seen in Tab. 5.

Tab. 5: Capacitive sensors on the 24th April 2015 (% relative humidity).

Average increases/decreases with regard to last year's report are included in brackets.

	Section G (1 m from the heater)	**Section I** (heater front)	**Section F2** (middle of heater)
Outer ring	100 (0)	100 (0)	100 (0)
Intermediate ring	100 (0)	100 (0)	--
Inner ring	100 (0)	54 (0)	--

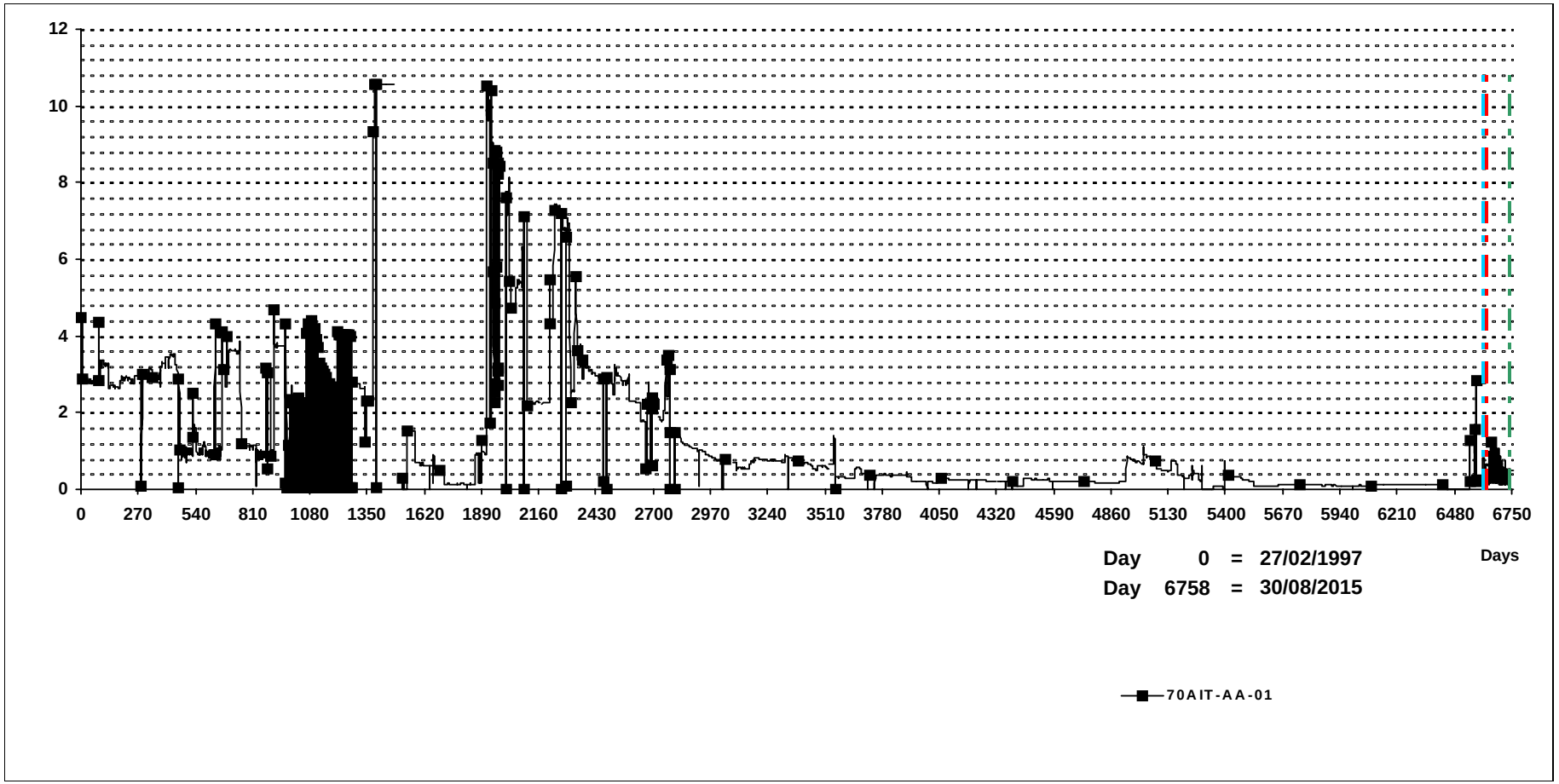
*In Section M2, up to the start of the dismantling operation, values from the **TDR sensors** in bentonite seem to be decreasing at a slow rate in the external and intermediate rings, while they keep rising at a constant rate in the inner ring, lately they reached higher values than in the intermediate and external rings in those points in contact with the heater (see Section M2 in Pages 224 – 225), which can be influenced by long-term instrumentation effects as well.*

The values of the sensors installed in granite in Section M1 around the plug seem to be increasing very slowly, especially at the right-hand side, while the humidity is more or less stabilised at the top of the section (see Pages 226 – 227). In Section M2 around the heated bentonite buffer values are slightly increasing (see Pages 228 – 229), but these values are lower than in the non-heated Section M1.

In general, no relevant changes are observed lately in the **psychrometers** that are still in operation in bentonite, see Pages 214 – 215 (Section F2) or Page 216 – 217 (Section H), and which showed low suction. *The late suction value increase seen in the psychrometers installed in granite, see Pages 220 – 221 for Section F2 and less clearly in Pages 218 – 219 for Section F1, could be related to the rock drying after the dismantling operation.*

5 Data

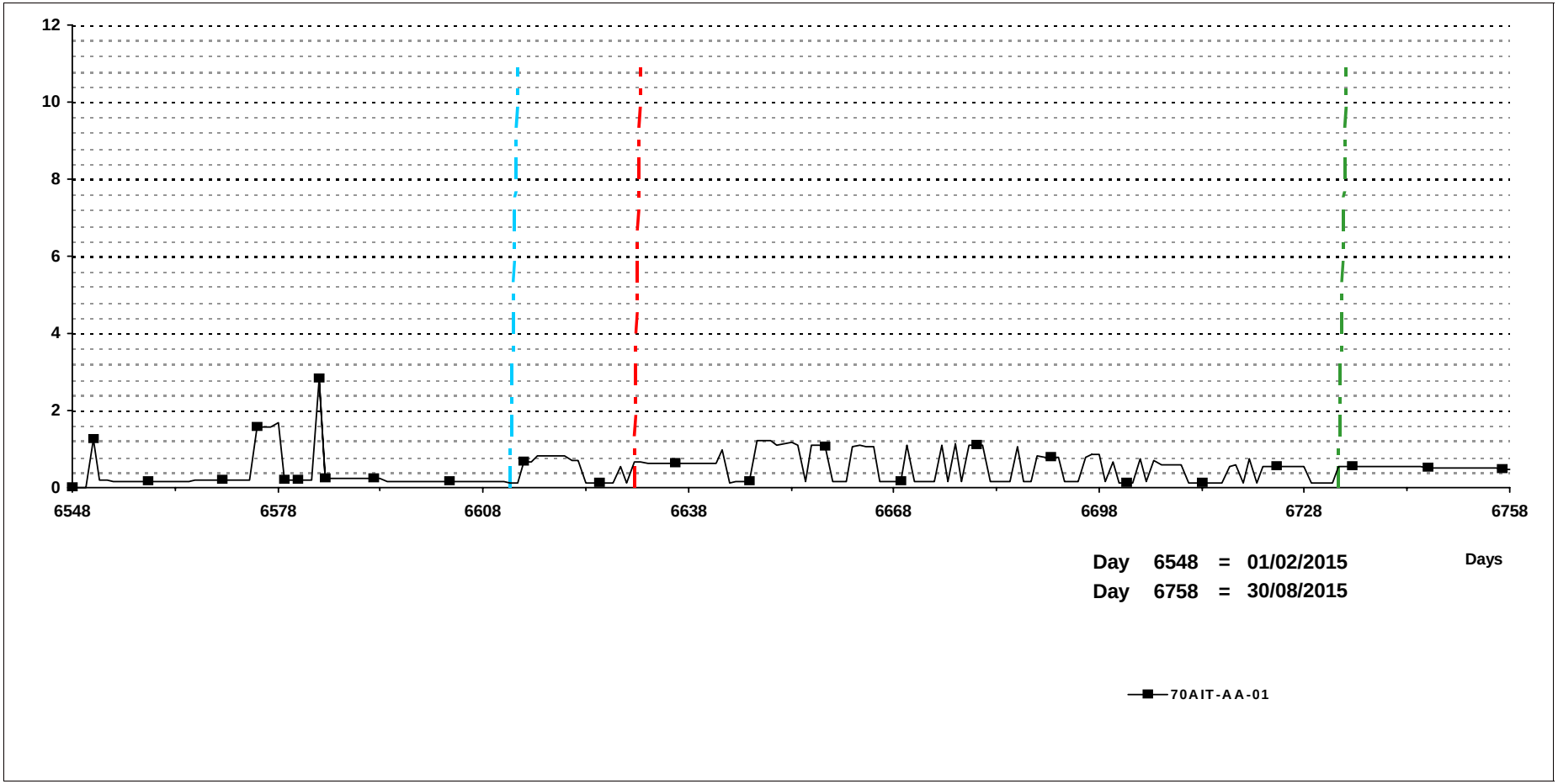
SECTION Service Area ***SENSOR TYPE: Air velocity.*** ***UNITS: m/s***



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Drift ventilation adjusted manually.
Ventilation intermitent from day 966 (21/10/99) to day 1277 (27/08/00), behaviour correlated with relative humidity (page 20).
Values from day 1860 (02/04/02) affected by works carried out into the drift.
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

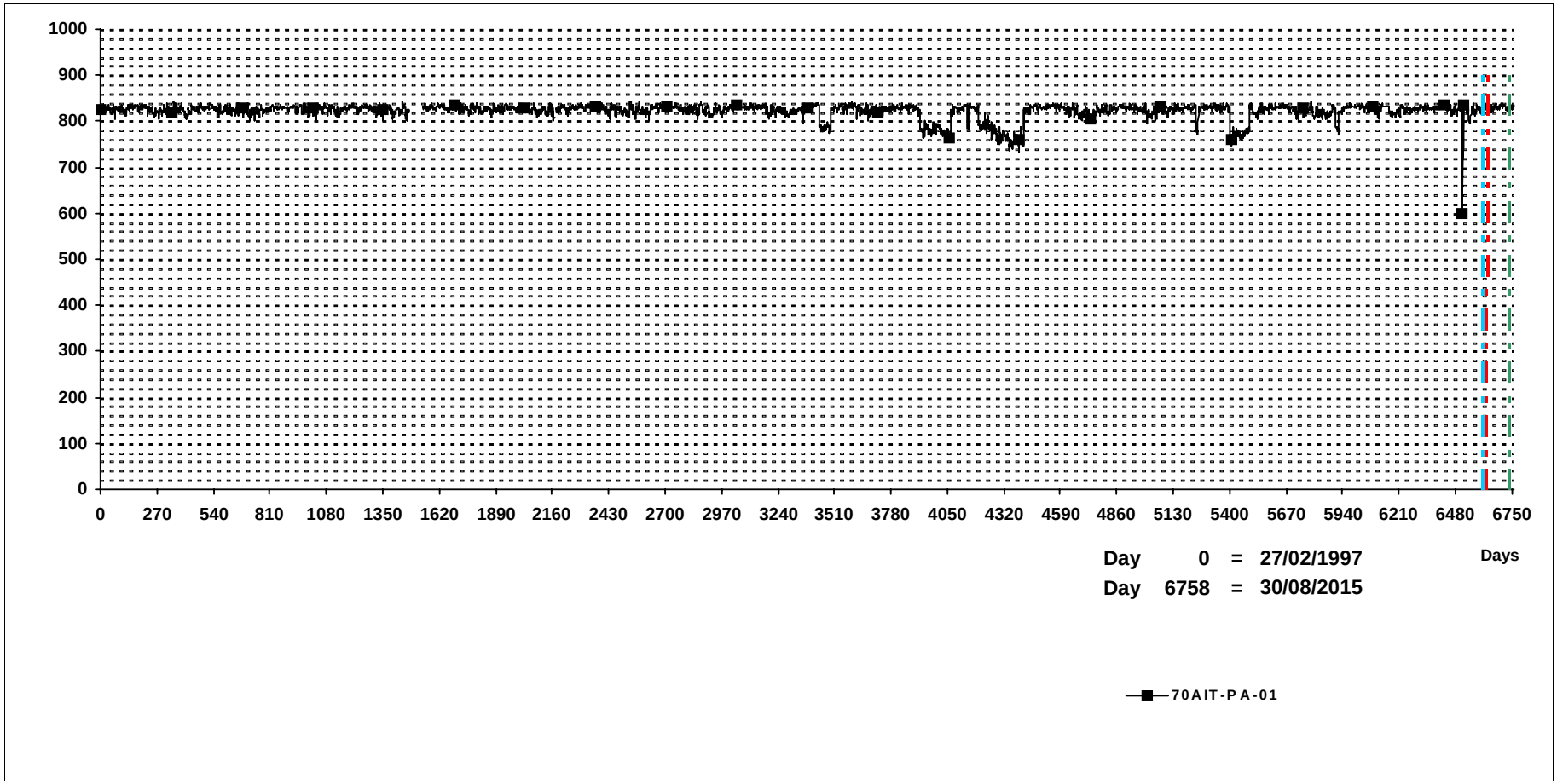
SECTION Service Area ***SENSOR TYPE: Air velocity.*** ***UNITS: m/s***



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Drift ventilation adjusted manually.
Ventilation intermitent from day 966 (21/10/99) to day 1277 (27/08/00), behaviour correlated with relative humidity (page 20).
Values from day 1860 (02/04/02) affected by works carried out into the drift.
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

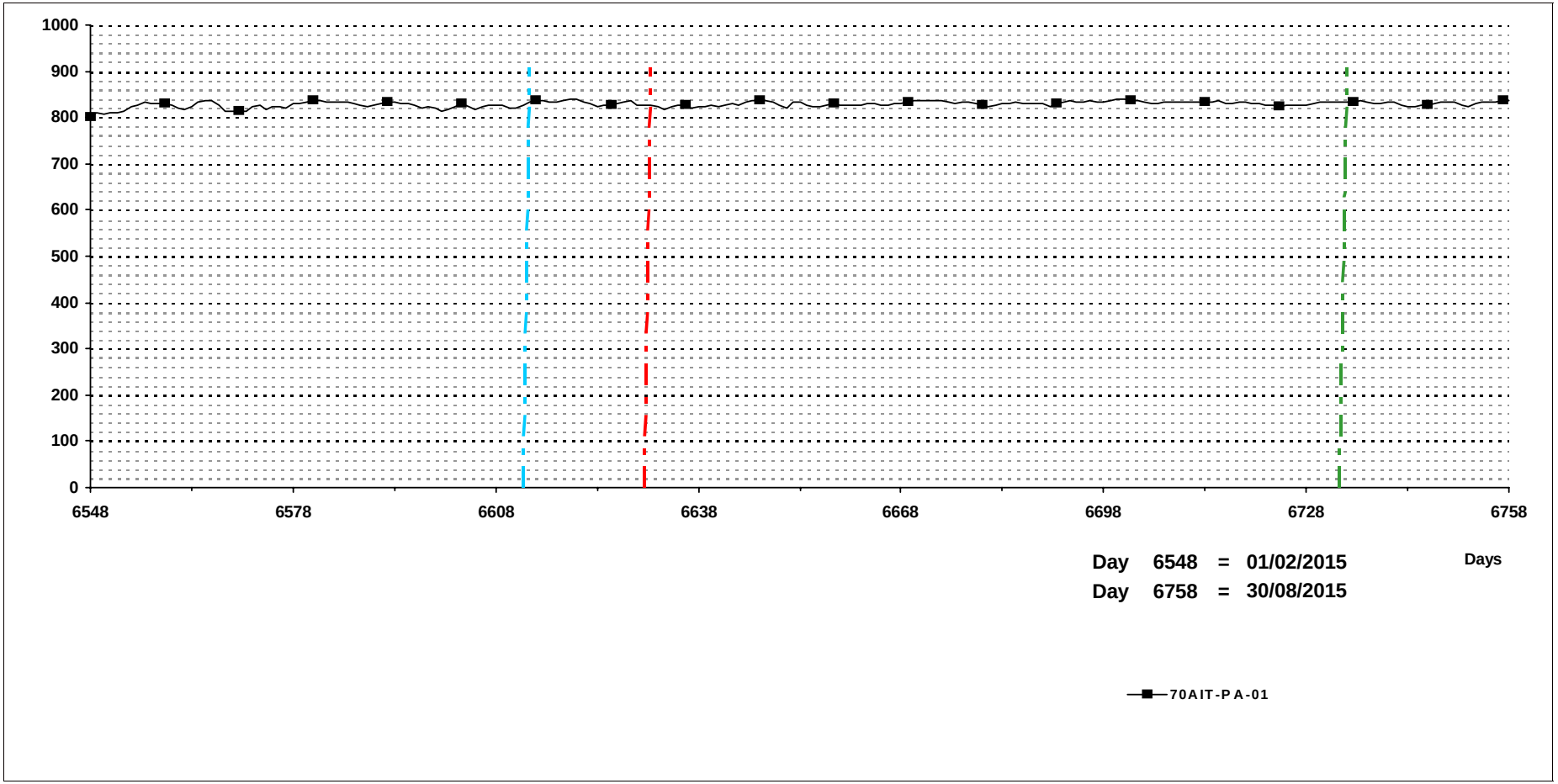
SECTION Service Area ***SENSOR TYPE: Absolute atmospheric pressure.*** ***UNITS: Pa · 100***



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

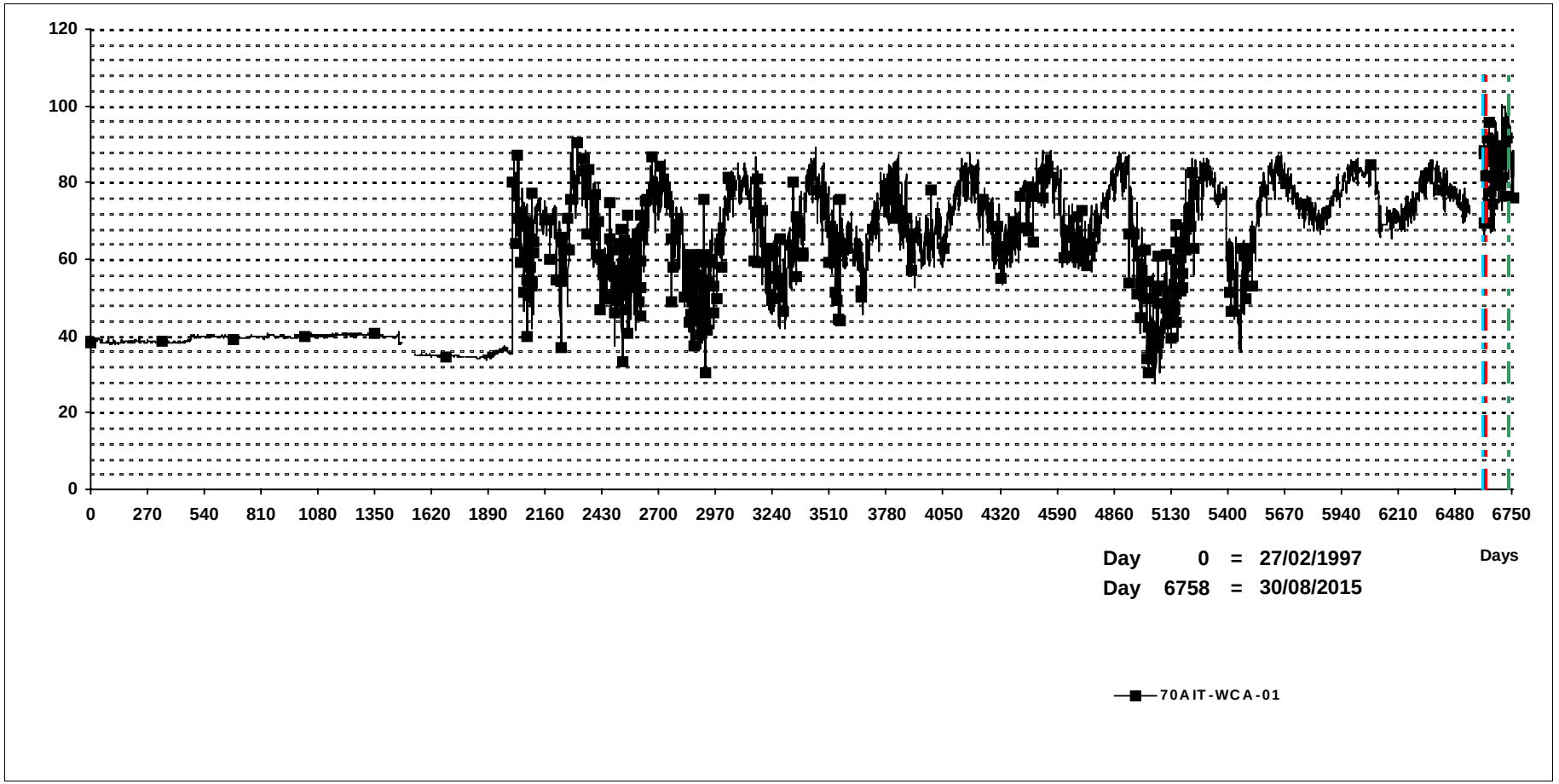
SECTION Service Area ***SENSOR TYPE: Absolute atmospheric pressure.*** ***UNITS: Pa · 100***



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

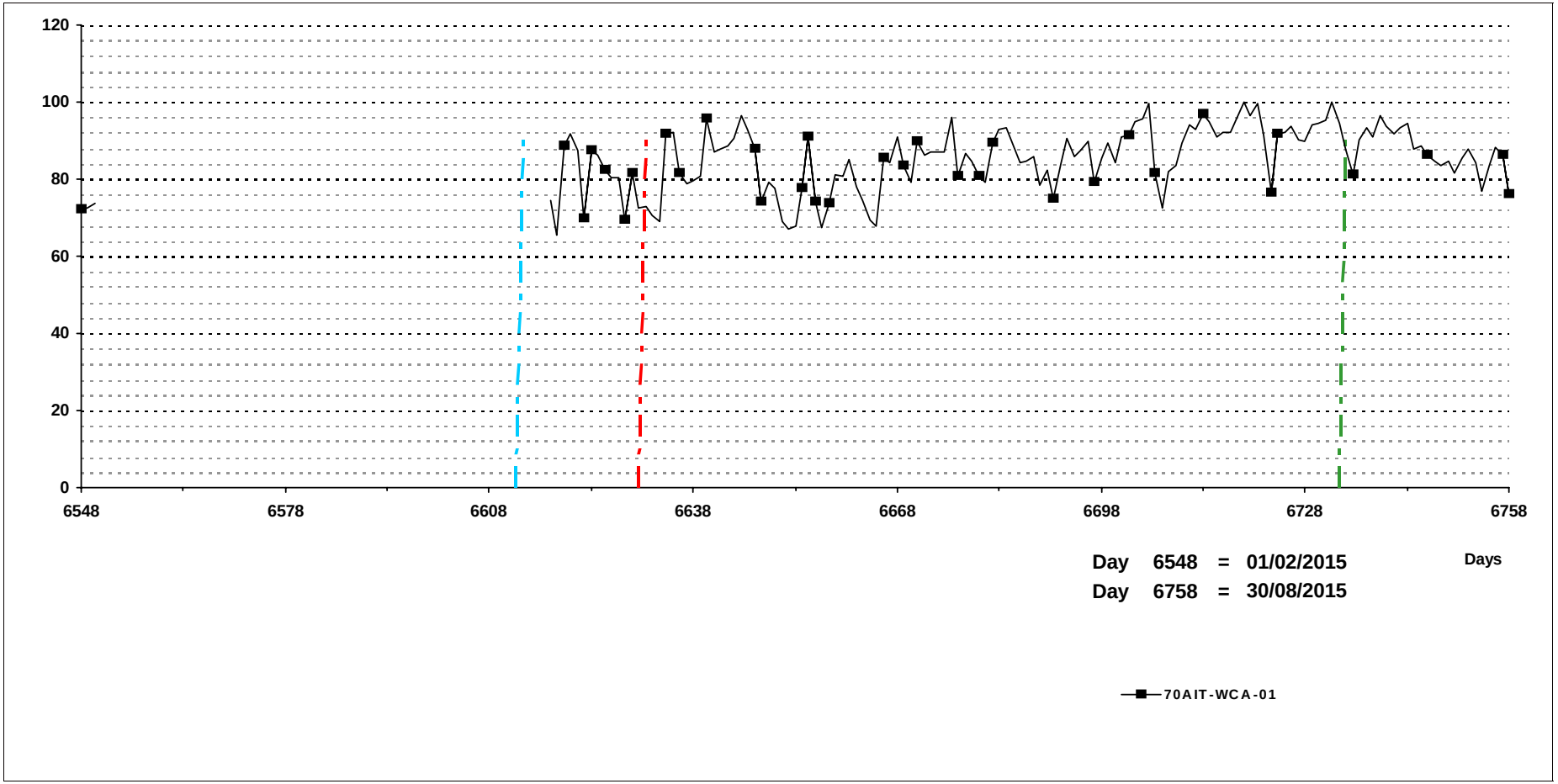
SECTION Service Area ***SENSOR TYPE: Relative humidity (capacitive).*** ***UNITS: % RH***



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Values from day 1860 (02/04/02) affected by works carried out into the drift.
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Service Area ***SENSOR TYPE: Relative humidity (capacitive).*** ***UNITS: % RH***



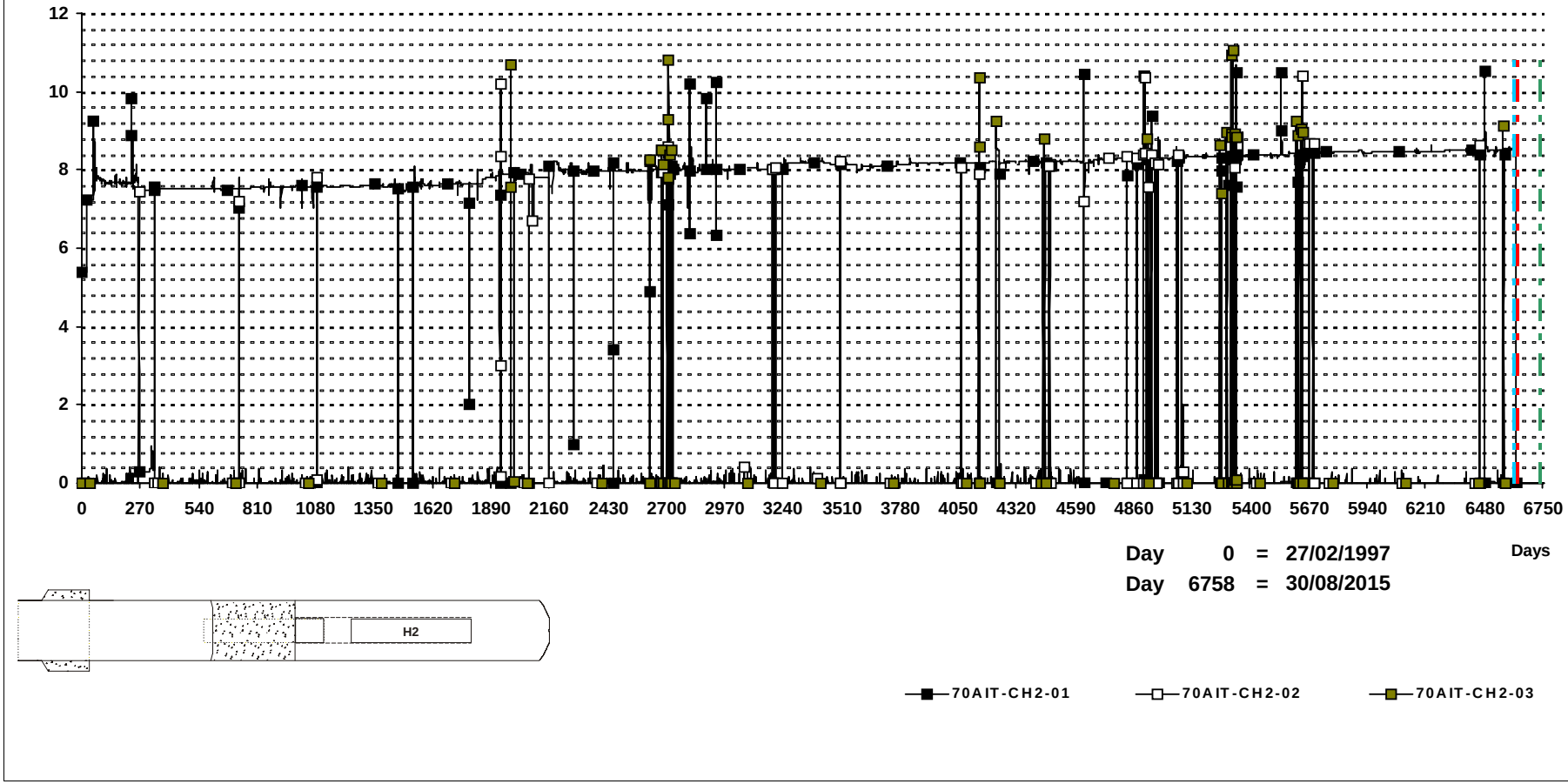
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Values from day 1860 (02/04/02) affected by works carried out into the drift.
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Heater 2

SENSOR TYPE: Current meter.

UNITS: A

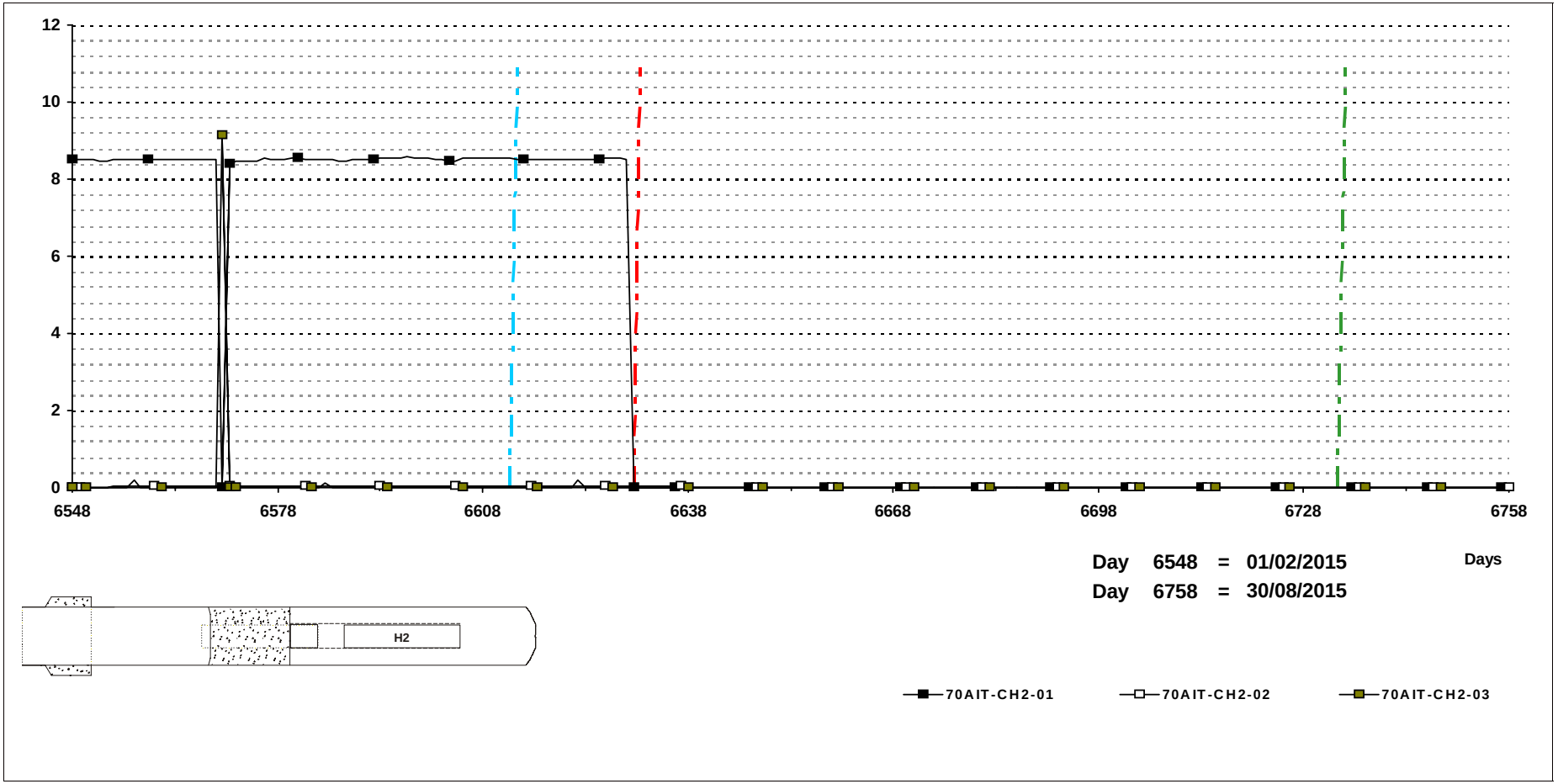


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Perturbations on day 1981 (01/08/02) due to maintenance works in computers.
Power supply failure from day 2170 (6/02/03) to day 2177 (13/02/03) due to malfunction in the U.P.S. No data registered on those days.
Power supply drops from day 2456 (19/11/03) to day 2458 (21/11/03).
Perturbations from day 2616 (27/04/04) to day 2723 (12/08/04) due to control change to internal temperatures.
Perturbations from day 2802 (30/10/04) to day 2826 (23/11/04) due to adjustment in control loop.
Perturbations from day 2932 (09/03/05) to day 2934 (11/03/05) due to a bad adjustement in the control loop.

SECTION Heater 2

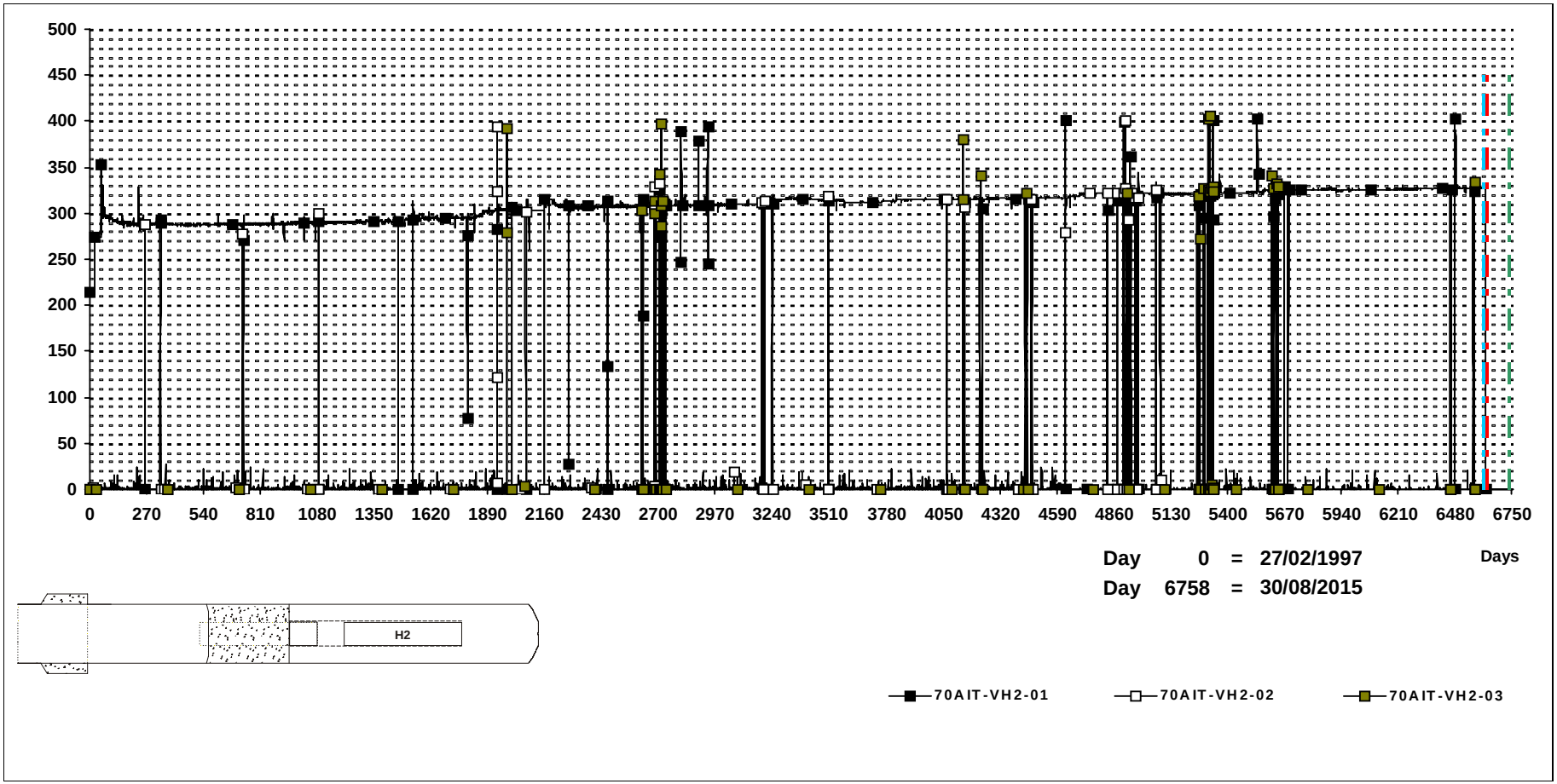
SENSOR TYPE: Current meter. ***UNITS: A***



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Perturbations on day 1981 (01/08/02) due to maintenance works in computers.
Power supply failure from day 2170 (6/02/03) to day 2177 (13/02/03) due to malfunction in the U.P.S. No data registered on those days.
Power supply drops from day 2456 (19/11/03) to day 2458 (21/11/03).
Perturbations from day 2616 (27/04/04) to day 2723 (12/08/04) due to control change to internal temperatures.
Perturbations from day 2802 (30/10/04) to day 2826 (23/11/04) due to adjustment in control loop.
Perturbations from day 2932 (09/03/05) to day 2934 (11/03/05) due to a bad adjustement in the control loop.

SECTION Heater 2 ***SENSOR TYPE: Voltage meter.*** ***UNITS: V***

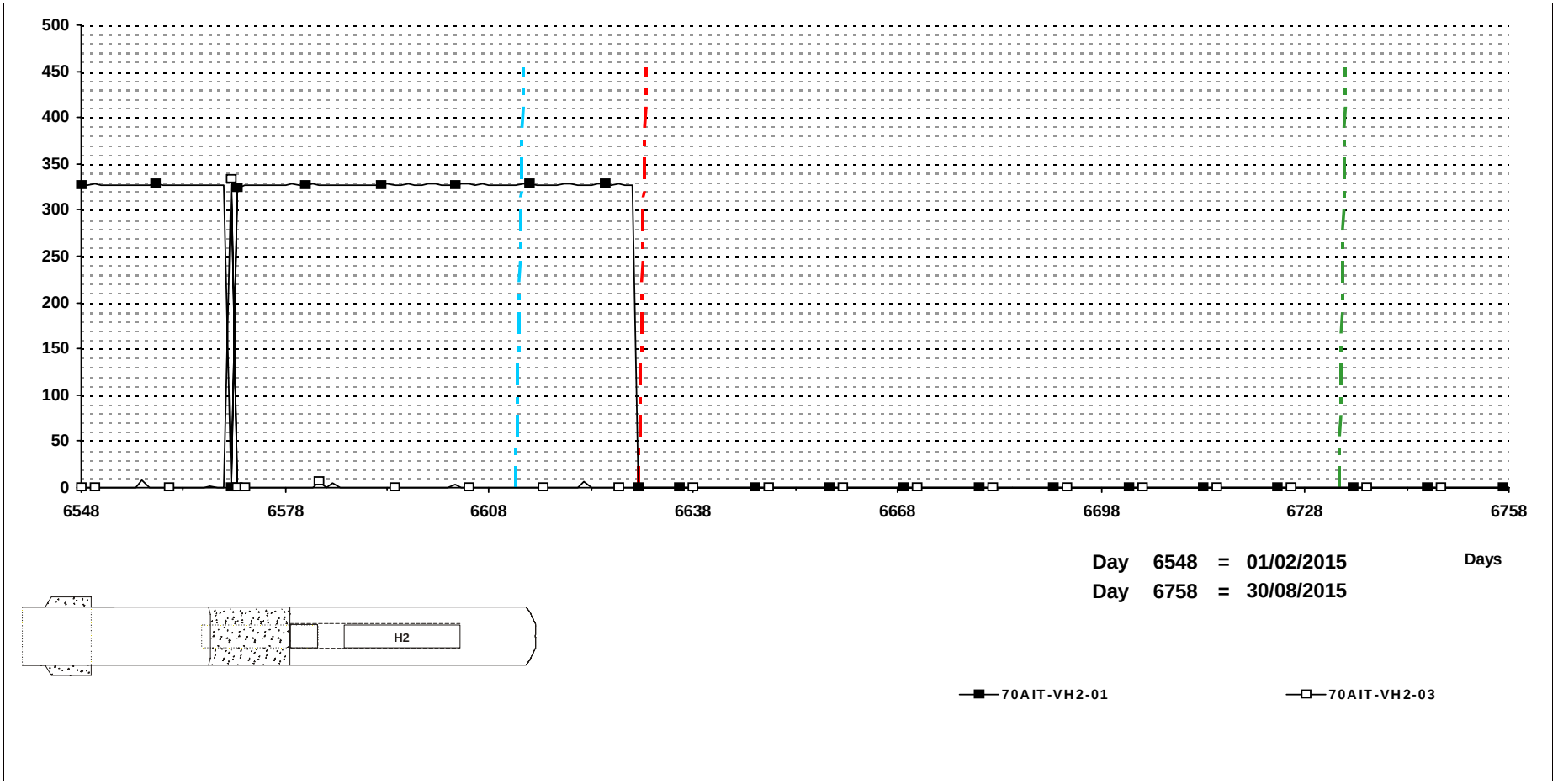


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Perturbations on day 1981 (01/08/02) due to maintenance works in computers.
Power supply failure from day 2170 (6/02/03) to day 2177 (13/02/03) due to malfunction in the U.P.S. No data registered on those days.
Power supply drops from day 2456 (19/11/03) to day 2458 (21/11/03).
Perturbations from day 2616 (27/04/04) to day 2723 (12/08/04) due to control change to internal temperatures.
Perturbations from day 2802 (30/10/04) to day 2826 (23/11/04) due to adjustment in control loop.
Perturbations from day 2932 (09/03/05) to day 2934 (11/03/05) due to a bad adjustement in the control loop.

SECTION Heater 2

SENSOR TYPE: Voltage meter. ***UNITS: V***



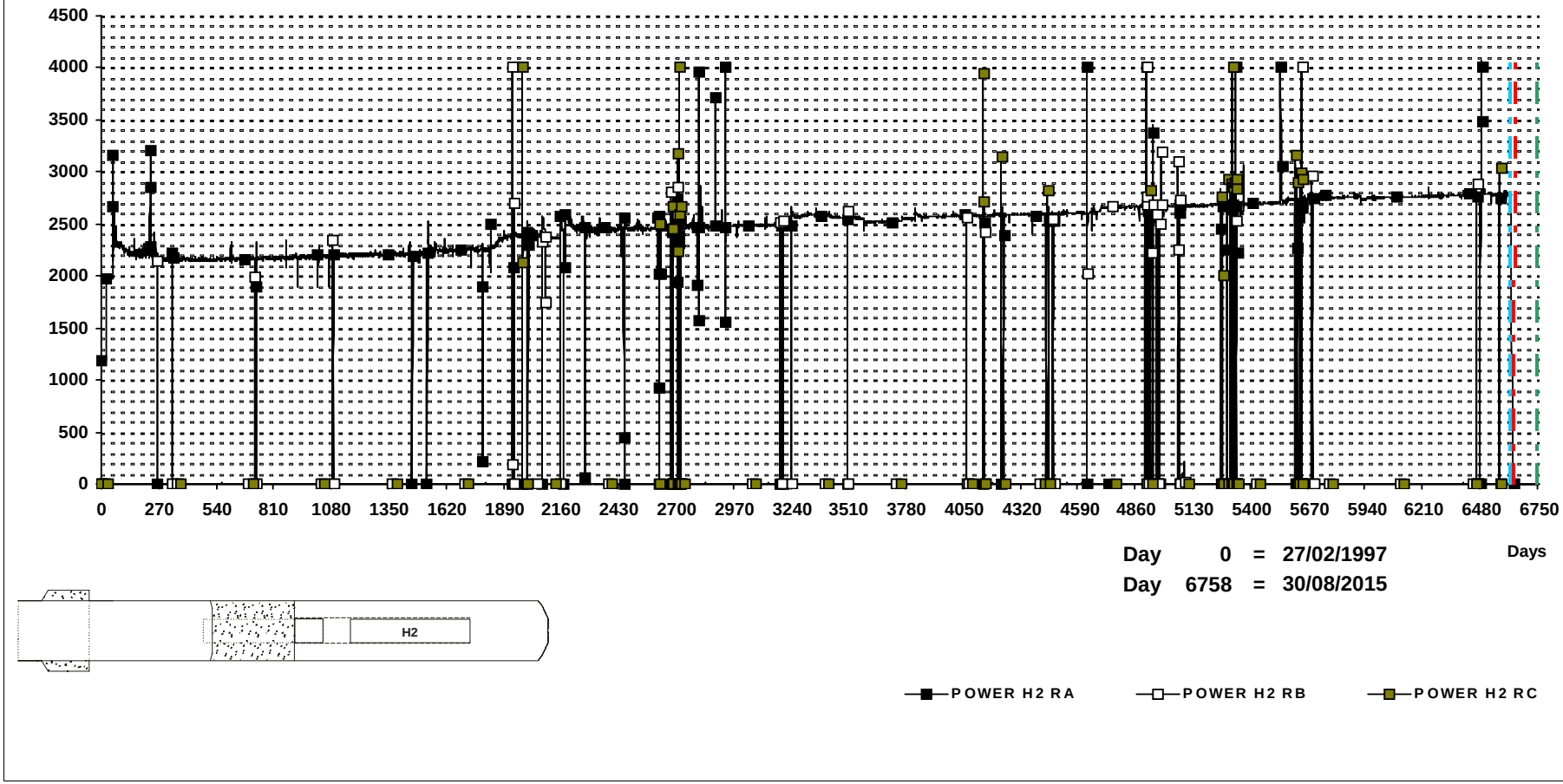
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Perturbations on day 1981 (01/08/02) due to maintenance works in computers.
Power supply failure from day 2170 (6/02/03) to day 2177 (13/02/03) due to malfunction in the U.P.S. No data registered on those days.
Power supply drops from day 2456 (19/11/03) to day 2458 (21/11/03).
Perturbations from day 2616 (27/04/04) to day 2723 (12/08/04) due to control change to internal temperatures.
Perturbations from day 2802 (30/10/04) to day 2826 (23/11/04) due to adjustment in control loop.
Perturbations from day 2932 (09/03/05) to day 2934 (11/03/05) due to a bad adjustement in the control loop.

SECTION Heater 2

SENSOR TYPE: Power Heater 2.

UNITS: W

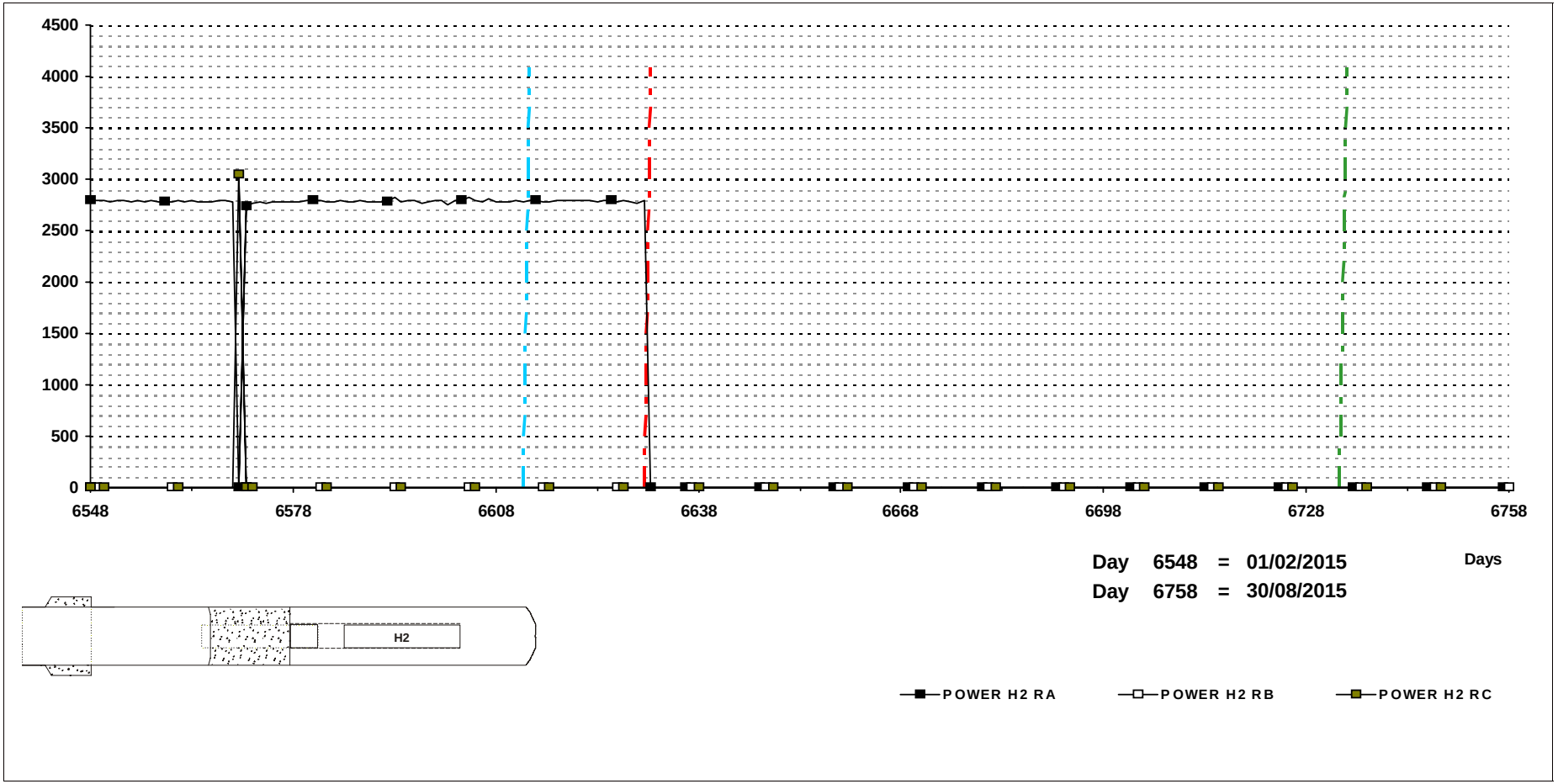


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Power at a constant value of 2370 W from day 2088 (16/11/02) to day 2160 (27/01/03).
Power supply failure from day 2170 (6/02/03) to day 2177 (13/02/03) due to malfunction in the U.P.S. No data registered on those days.
Power supply drops from day 2456 (19/11/03) to day 2458 (21/11/03).
Perturbations from day 2616 (27/04/04) to day 2723 (12/08/04) due to control change to internal temperatures.
Perturbations from day 2802 (30/10/04) to day 2826 (23/11/04) due to adjustment in control loop.
Perturbations from day 2932 (09/03/05) to day 2934 (11/03/05) due to a bad adjustement in the control loop.

SECTION Heater 2

SENSOR TYPE: Power Heater 2. ***UNITS: W***



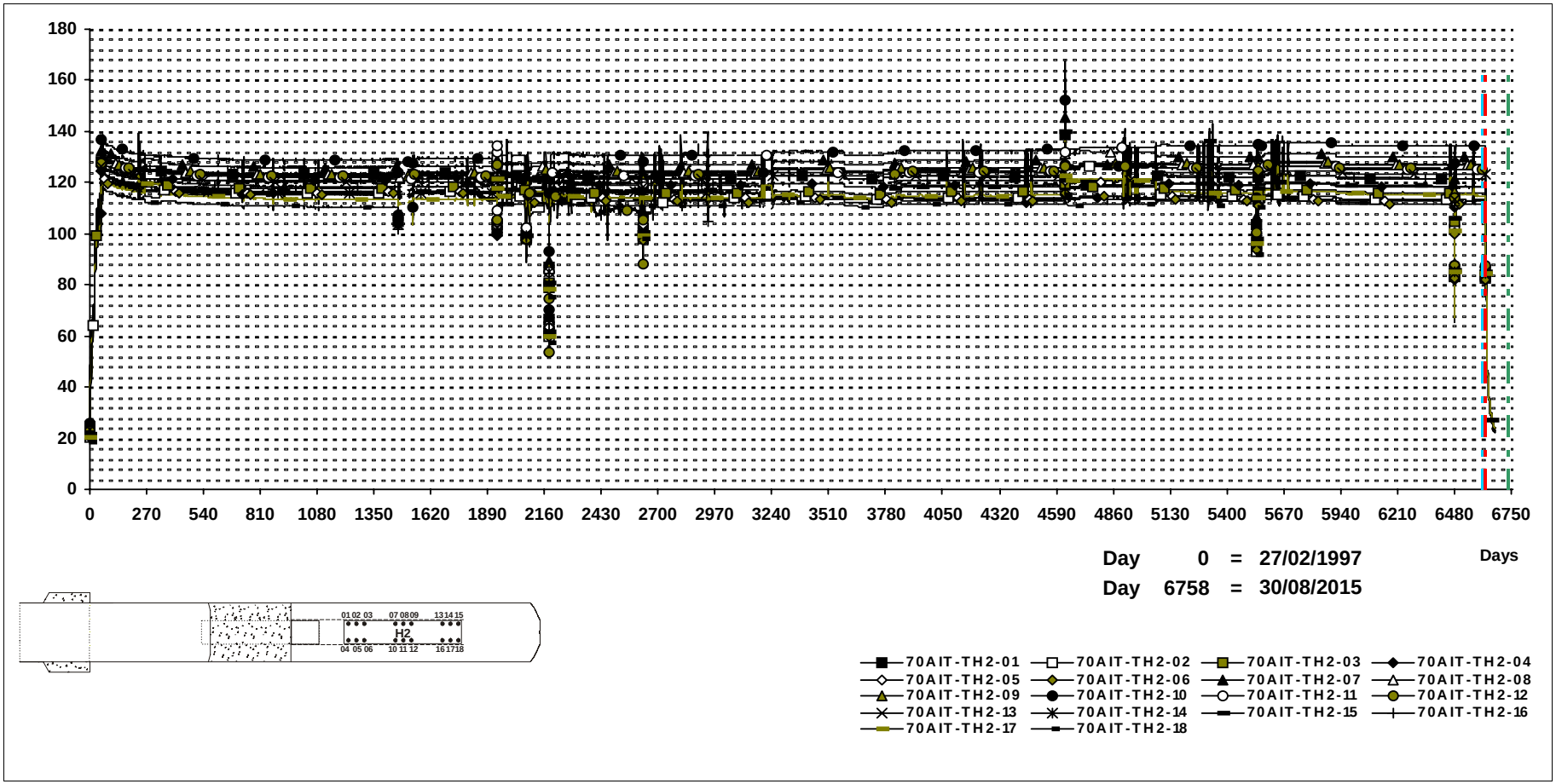
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Power at a constant value of 2370 W from day 2088 (16/11/02) to day 2160 (27/01/03).
Power supply failure from day 2170 (6/02/03) to day 2177 (13/02/03) due to malfunction in the U.P.S. No data registered on those days.
Power supply drops from day 2456 (19/11/03) to day 2458 (21/11/03).
Perturbations from day 2616 (27/04/04) to day 2723 (12/08/04) due to control change to internal temperatures.
Perturbations from day 2802 (30/10/04) to day 2826 (23/11/04) due to adjustment in control loop.
Perturbations from day 2932 (09/03/05) to day 2934 (11/03/05) due to a bad adjustement in the control loop.

SECTION Heater 2

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC

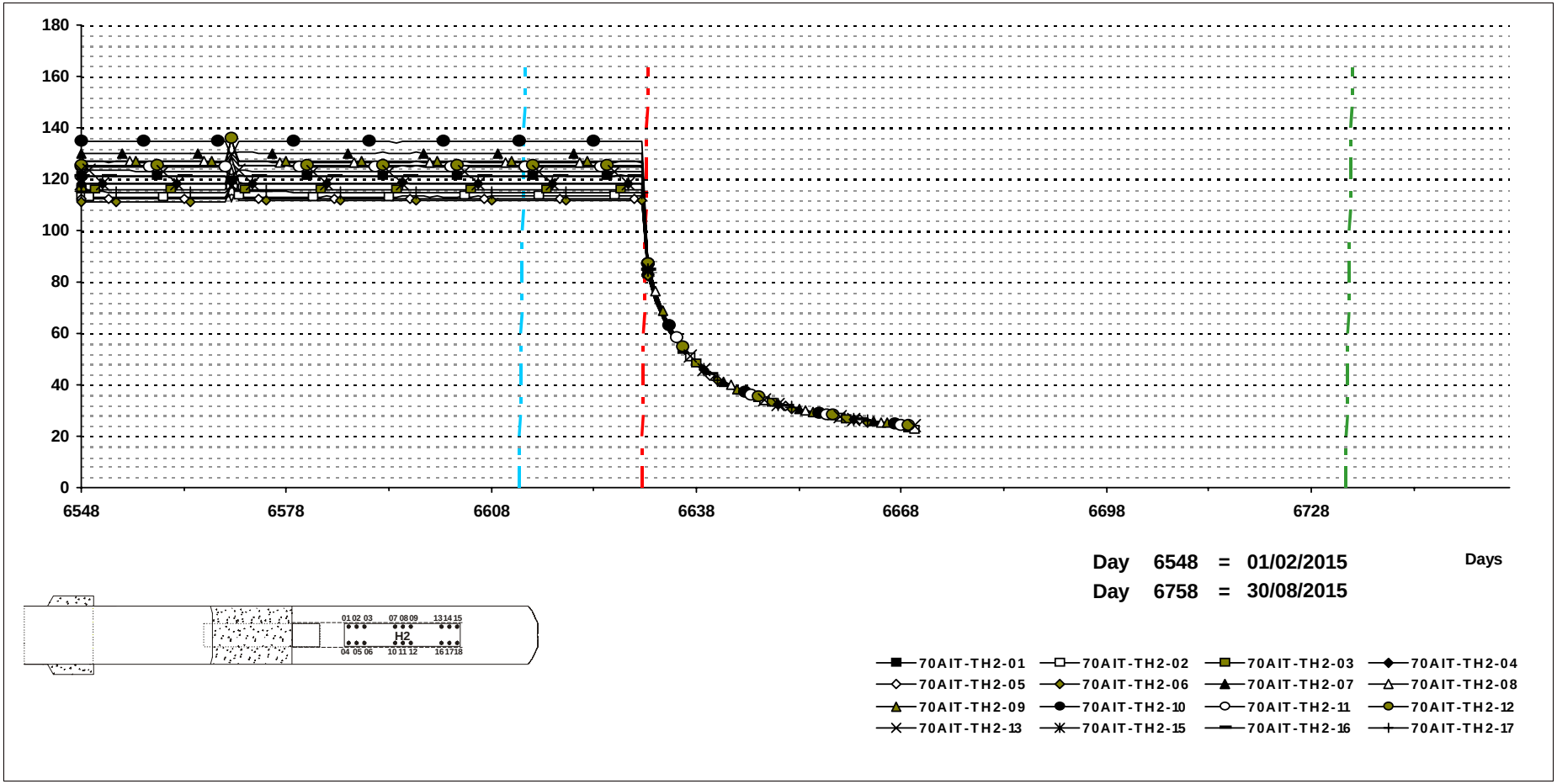


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure of the DACS from day 3064 (19/07/05) to day 3073 (28/07/05)
70AIT-TH2-12: Data from day 3164 (27/10/2005) to 3825 (19/08/2007) are not reliable.
70AIT-TH2-13: Data from day 3064 (19/07/2005) to 3072 (27/07/2005) are not reliable.
70AIT-TH2-14: Out of order from day 3199 (01/12/2005).
70AIT-TH2-15 & 70AIT-TH2-16: Data from day 3179 (11/11/2005) to 3825 (19/08/2007) are not reliable.
70AIT-TH2-18: Data from day 3184 (16/11/2005) to 3198 (30/11/2005) are not reliable. Data from day 3206 (08/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3257 (28/01/2006) are not reliable. Data from day 6159 (08/01/2014) are not reliable.

SECTION Heater 2

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***

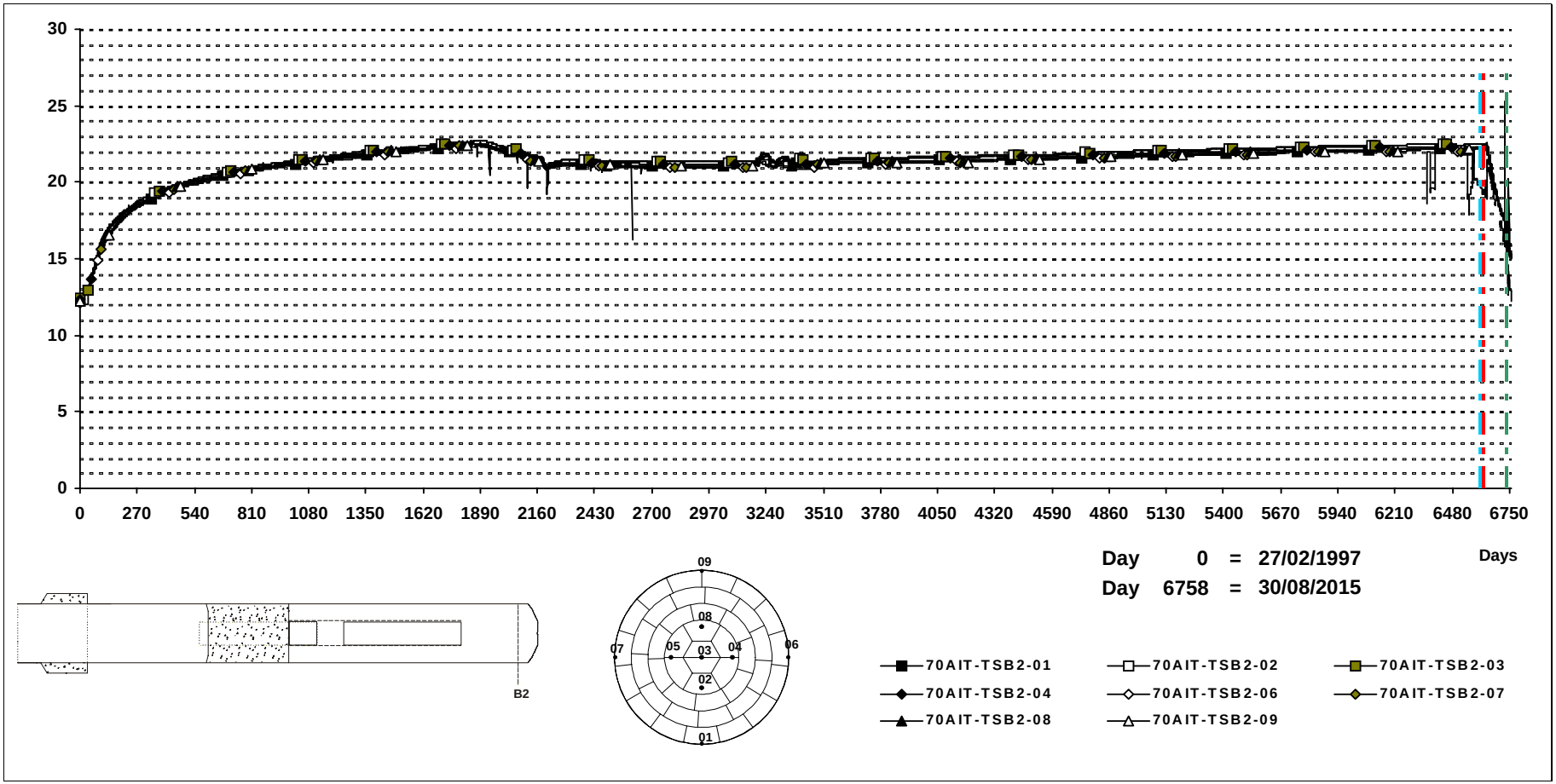


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure of the DACS from day 3064 (19/07/05) to day 3073 (28/07/05)
70AIT-TH2-12: Data from day 3164 (27/10/2005) to 3825 (19/08/2007) are not reliable.
70AIT-TH2-13: Data from day 3064 (19/07/2005) to 3072 (27/07/2005) are not reliable.
70AIT-TH2-14: Out of order from day 3199 (01/12/2005).
70AIT-TH2-15 & 70AIT-TH2-16: Data from day 3179 (11/11/2005) to 3825 (19/08/2007) are not reliable.
70AIT-TH2-18: Data from day 3184 (16/11/2005) to 3198 (30/11/2005) are not reliable. Data from day 3206 (08/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3257 (28/01/2006) are not reliable. Data from day 6159 (08/01/2014) are not reliable.

SECTION B2

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***

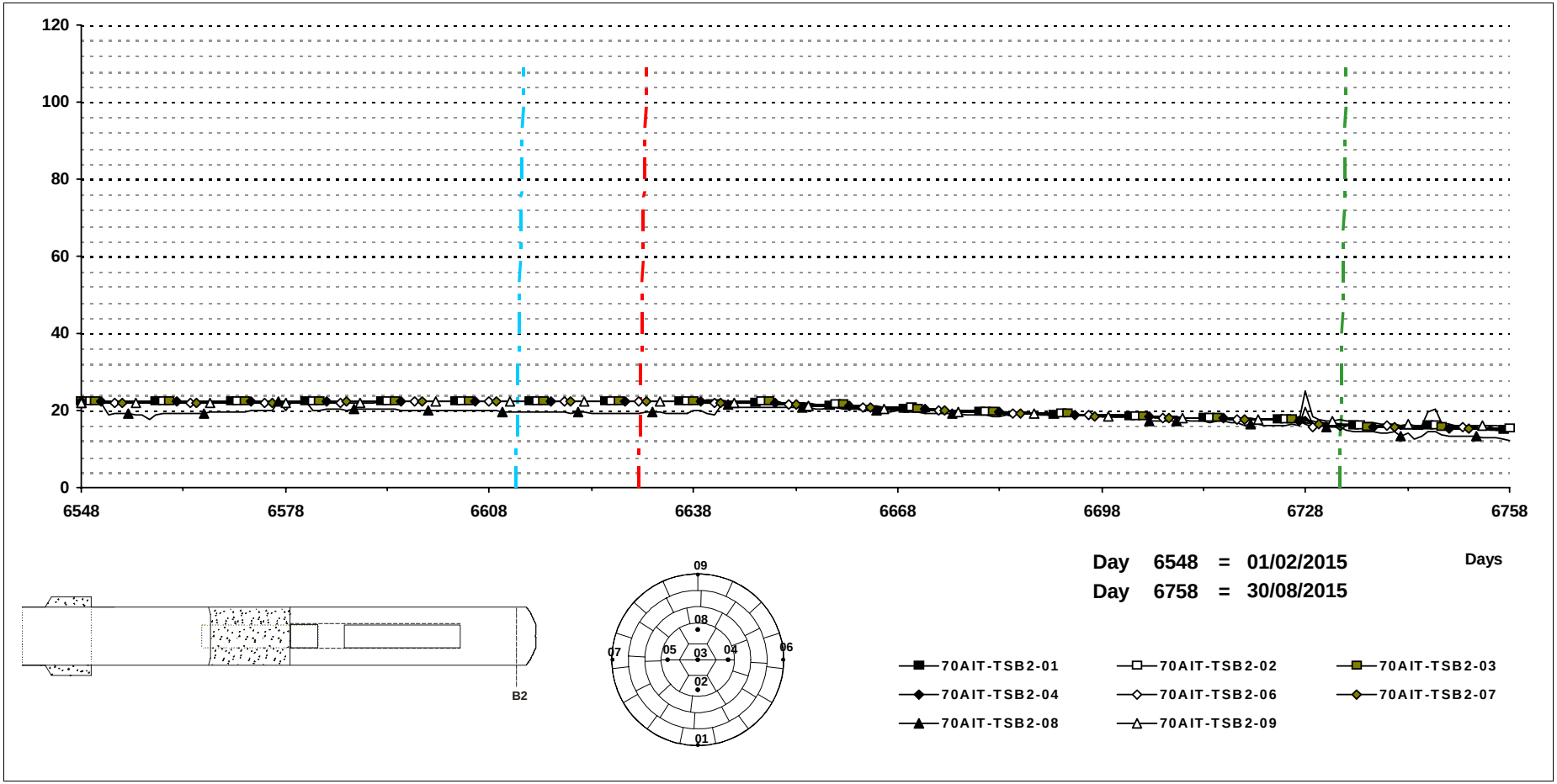


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TSB2-05: Out of order from day -70 (19/12/1996).
70AIT-TSB2-08: Data from day 2761 (19/09/2004) to 3357 (08/05/2006) are not reliable.

SECTION B2

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***



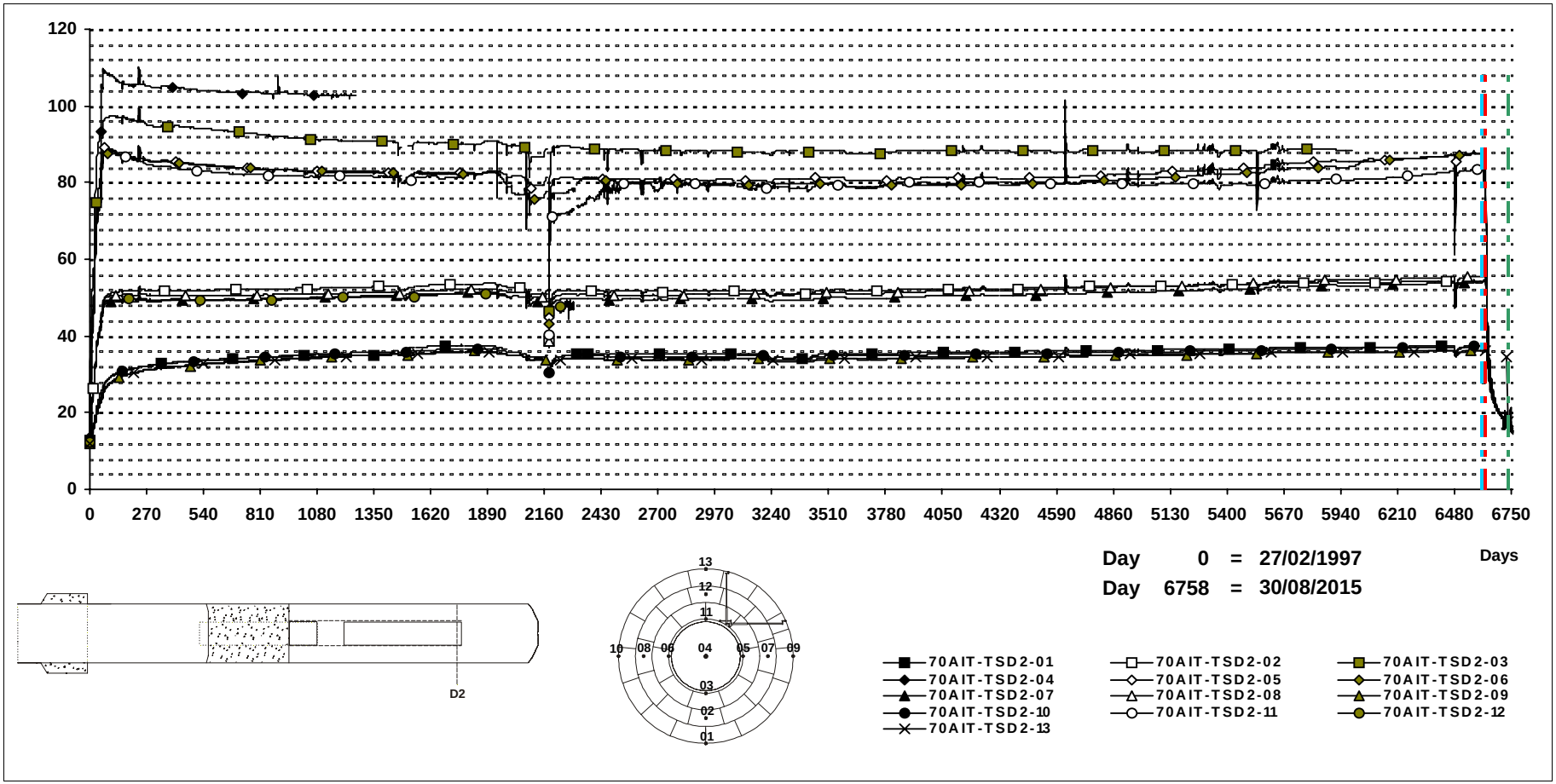
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TSB2-05: Out of order from day -70 (19/12/1996).
70AIT-TSB2-08: Data from day 2761 (19/09/2004) to 3357 (08/05/2006) are not reliable.

SECTION D2

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC

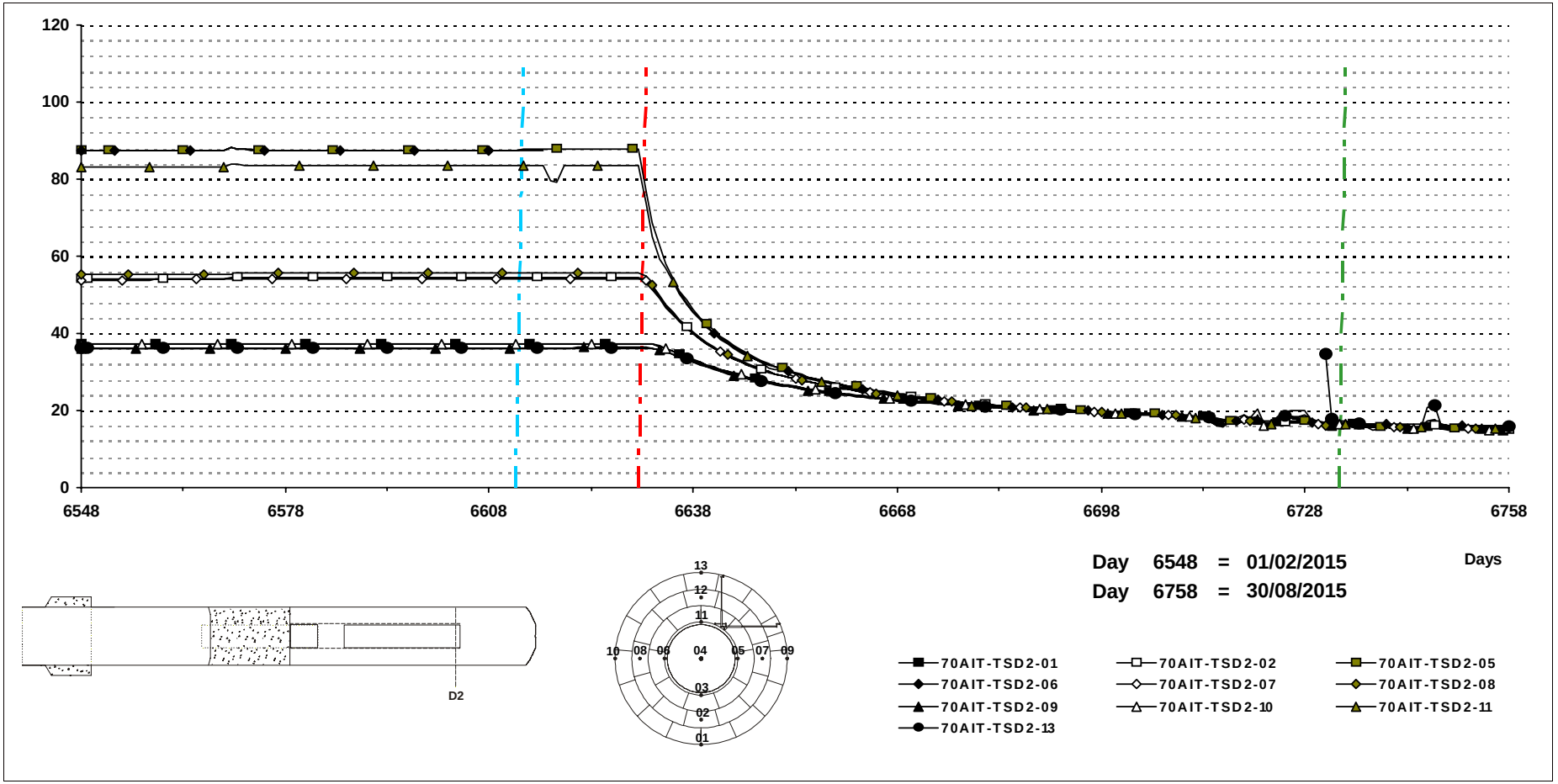


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TSD2-01: Data from day 1981 (01/08/2002) to 2308 (24/06/2003) are not reliable.
70AIT-TSD2-03: Data from day 5999 (01/08/2013) are not reliable.
70AIT-TSD2-04: Out of order from day 1262 (12/08/2000).
70AIT-TSD2-11: Data from day 1778 (10/01/2002) to 2176 (12/02/2003) are not reliable.
70AIT-TSD2-12: Data on day 2003 (23/08/2002) are not reliable. Data from day 2003 (23/08/2002) to 2230 (07/04/2003) are not reliable. Out of order from day 2300 (16/06/2003).

SECTION D2

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***

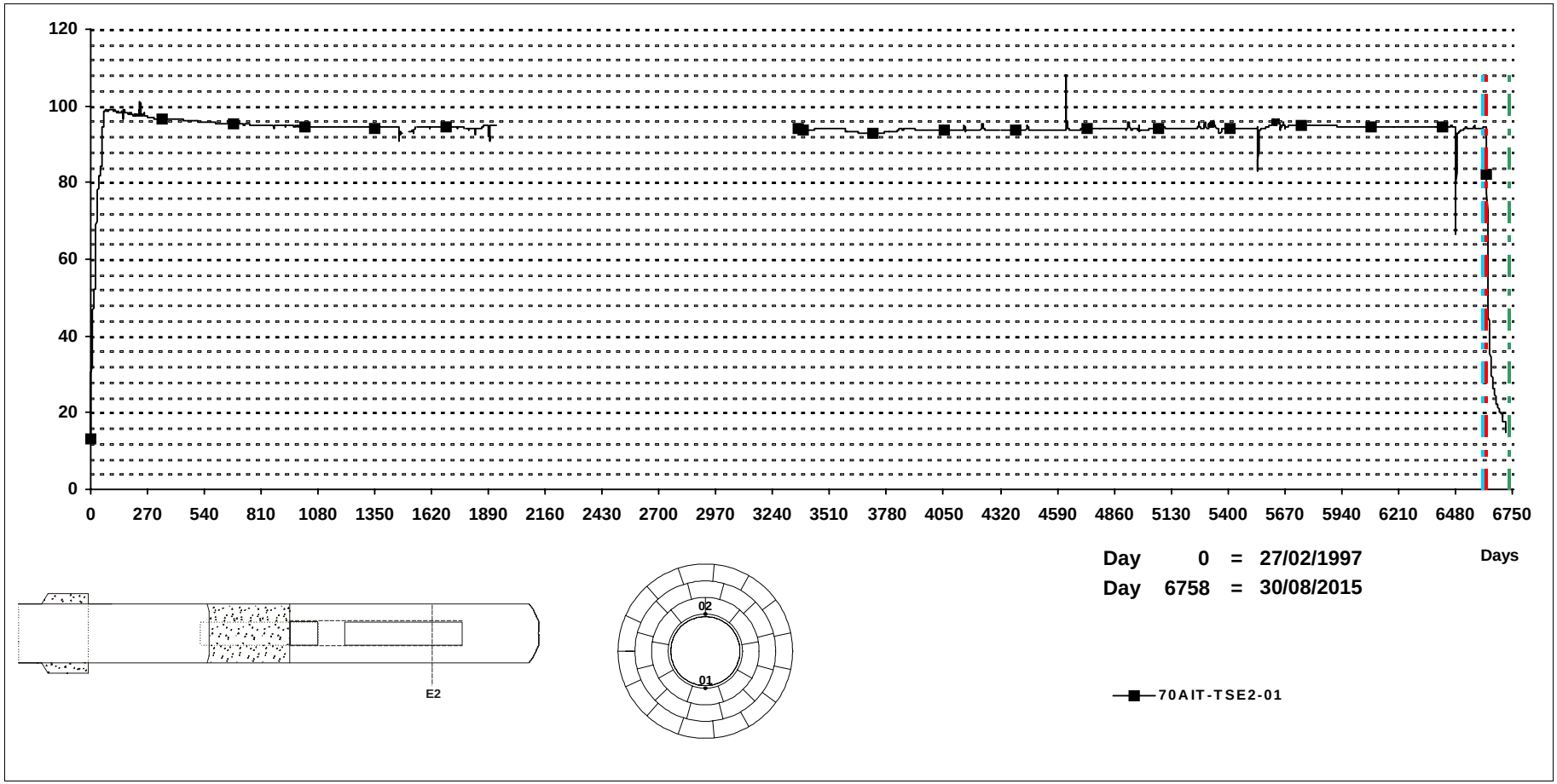


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TSD2-01: Data from day 1981 (01/08/2002) to 2308 (24/06/2003) are not reliable.
70AIT-TSD2-03: Data from day 5999 (01/08/2013) are not reliable.
70AIT-TSD2-04: Out of order from day 1262 (12/08/2000).
70AIT-TSD2-11: Data from day 1778 (10/01/2002) to 2176 (12/02/2003) are not reliable.
70AIT-TSD2-12: Data on day 2003 (23/08/2002) are not reliable. Data from day 2003 (23/08/2002) to 2230 (07/04/2003) are not reliable. Out of order from day 2300 (16/06/2003).

SECTION E2

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***

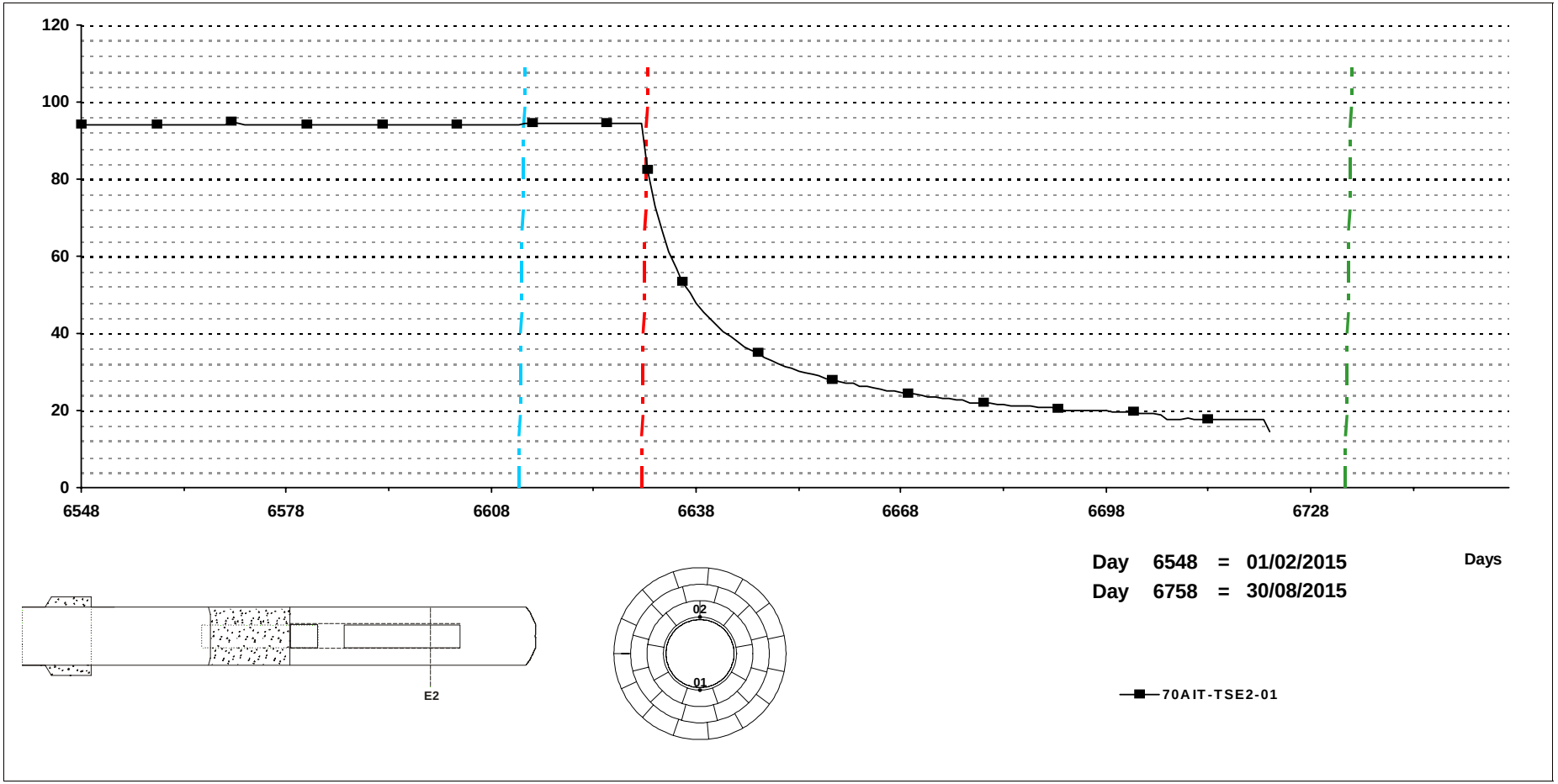


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TSE2-01: Data from day 1925 (06/06/2002) to 3357 (08/05/2006) are not reliable.
70AIT-TSE2-02: Out of order from day -70 (19/12/1996).

SECTION E2

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***



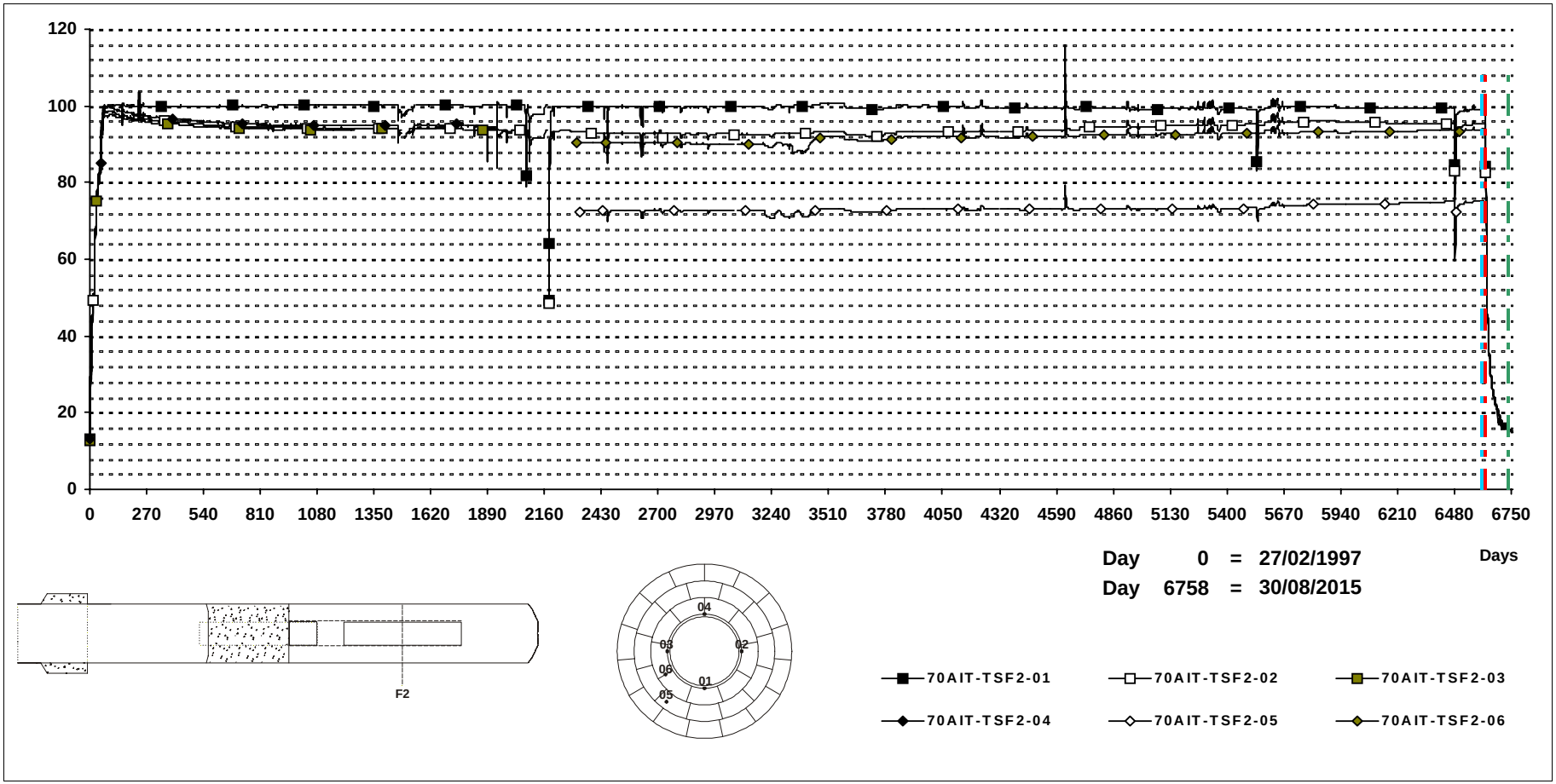
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TSE2-01: Data from day 1925 (06/06/2002) to 3357 (08/05/2006) are not reliable.
70AIT-TSE2-02: Out of order from day -70 (19/12/1996).

SECTION F2

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC

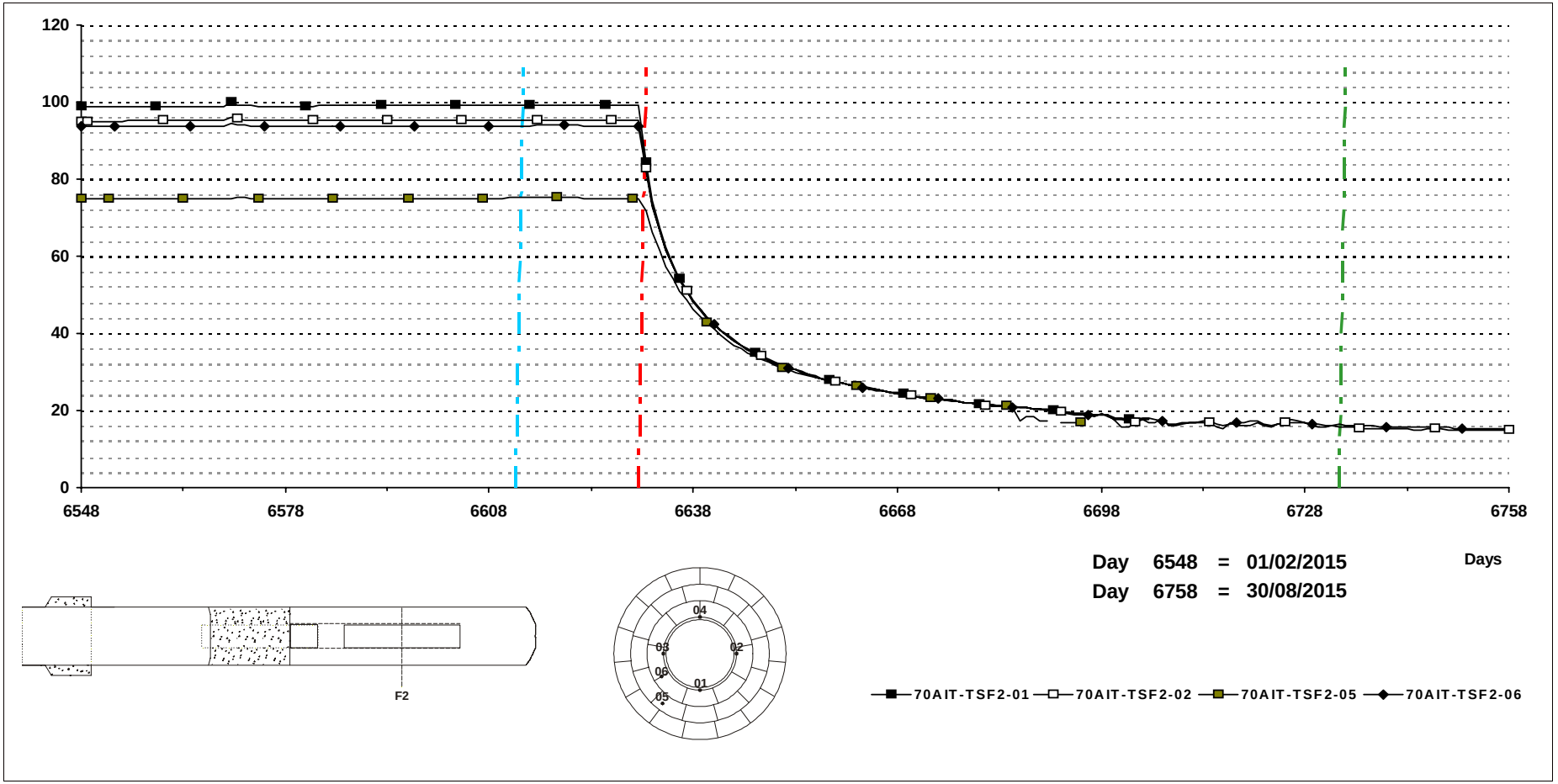


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TSF2-05: signal connected on day 2324 (10/07/03).
70AIT-TSF2-06: signal connected on day 2309 (25/06/03).
70AIT-TSF2-03: Out of order from day 2011 (31/08/2002).
70AIT-TSF2-04: Out of order from day 1937 (18/06/2002).

SECTION F2

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***



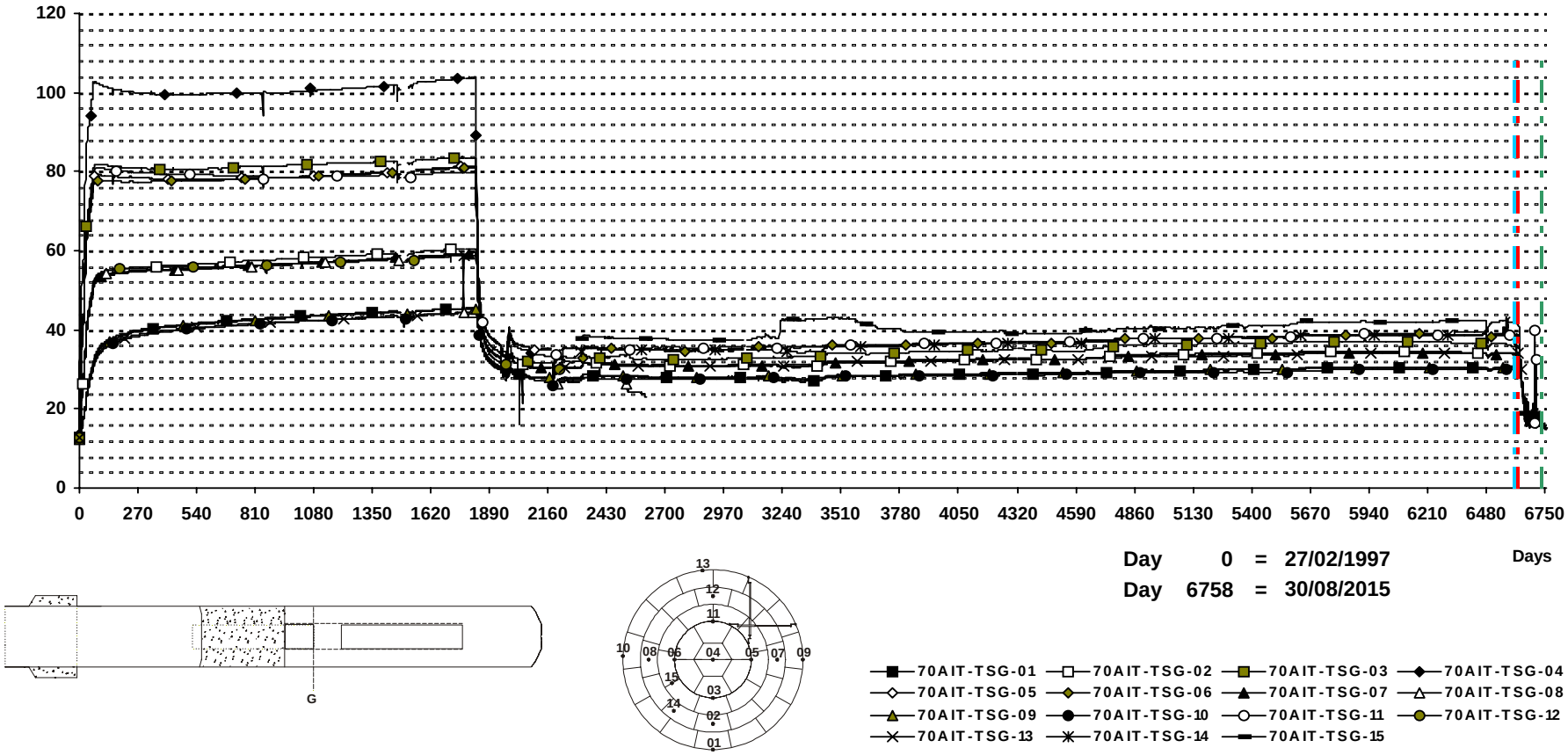
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TSF2-05: signal connected on day 2324 (10/07/03).
70AIT-TSF2-06: signal connected on day 2309 (25/06/03).
70AIT-TSF2-03: Out of order from day 2011 (31/08/2002).
70AIT-TSF2-04: Out of order from day 1937 (18/06/2002).

SECTION G

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC

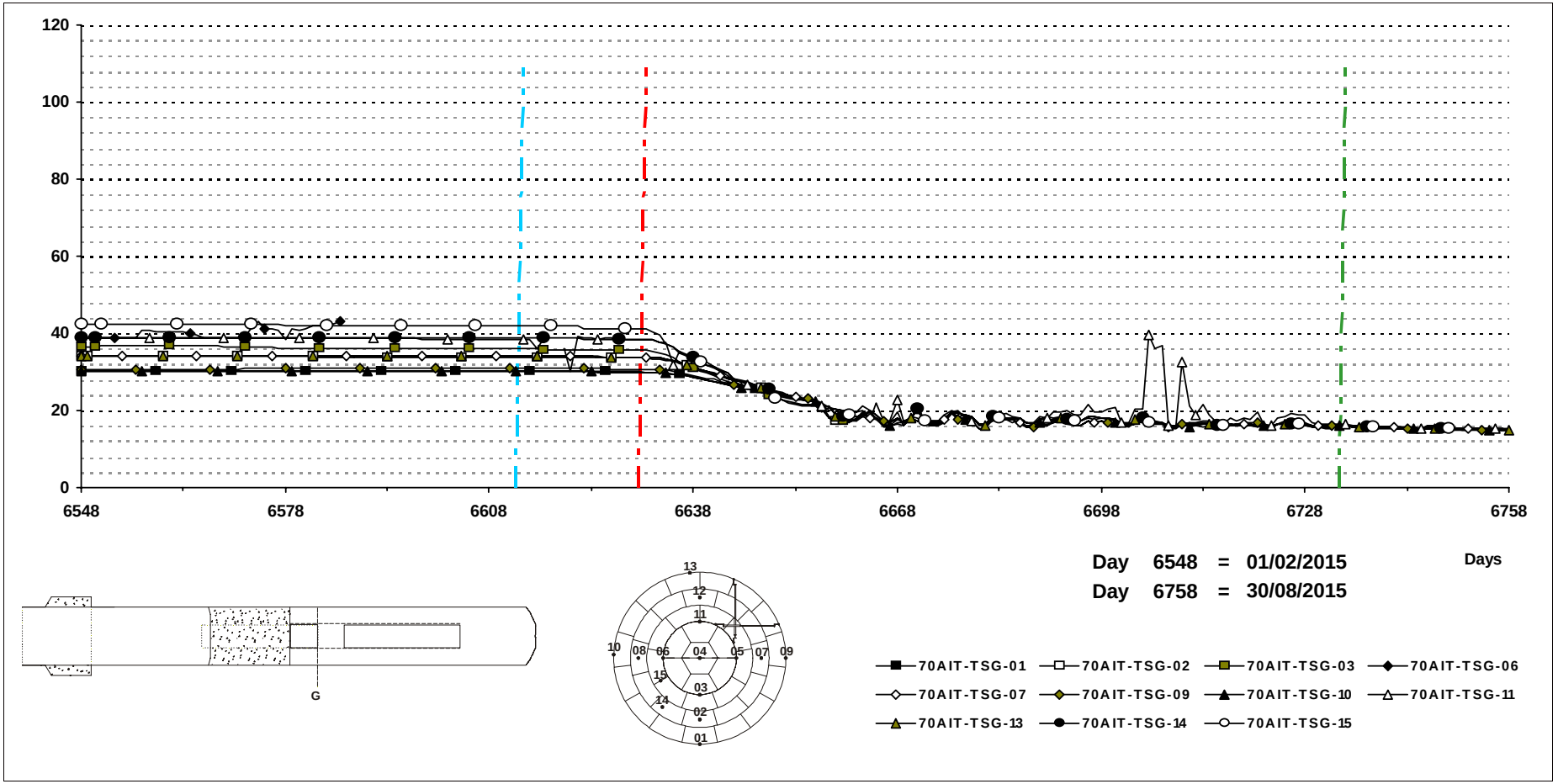


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

70AIT-TSG-14 and 70AIT-TSG-15: signal connected on day 2309 (25/06/03).
70AIT-TSG-04: Out of order from day 2290 (06/06/2003).
70AIT-TSG-05: Out of order from day 2294 (10/06/2003).
70AIT-TSG-06: Data from day 2009 (29/08/2002) to 2315 (01/07/2003) are not reliable.
70AIT-TSG-08: Data from day 2303 (19/06/2003) to 2518 (20/01/2004) are not reliable. Out of order from day 2612 (23/04/2004).
70AIT-TSG-12: Out of order from day 2296 (12/06/2003).

SECTION G

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***

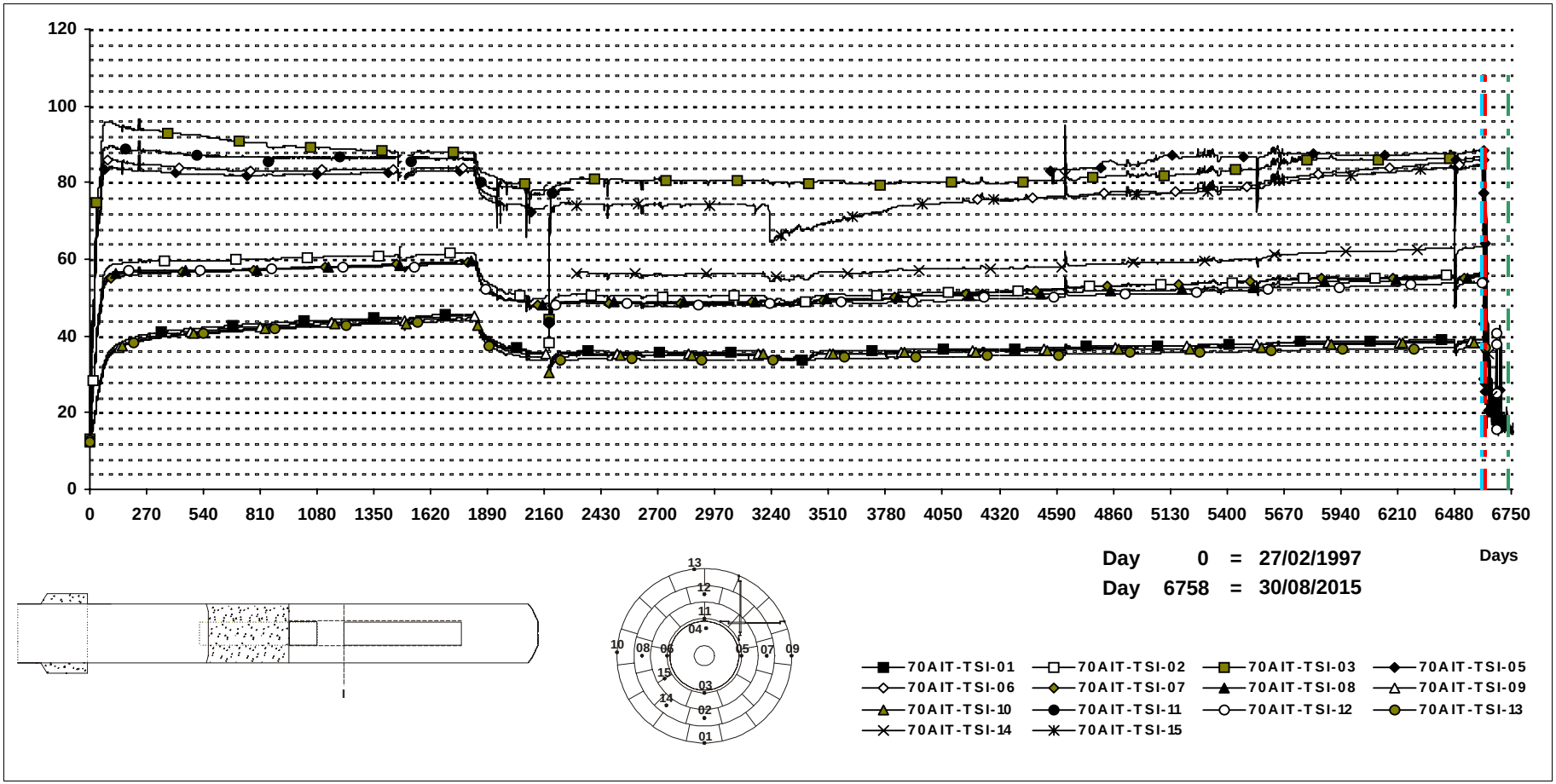


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

70AIT-TSG-14 and 70AIT-TSG-15: signal connected on day 2309 (25/06/03).
70AIT-TSG-04: Out of order from day 2290 (06/06/2003).
70AIT-TSG-05: Out of order from day 2294 (10/06/2003).
70AIT-TSG-06: Data from day 2009 (29/08/2002) to 2315 (01/07/2003) are not reliable.
70AIT-TSG-08: Data from day 2303 (19/06/2003) to 2518 (20/01/2004) are not reliable. Out of order from day 2612 (23/04/2004).
70AIT-TSG-12: Out of order from day 2296 (12/06/2003).

SECTION I

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***

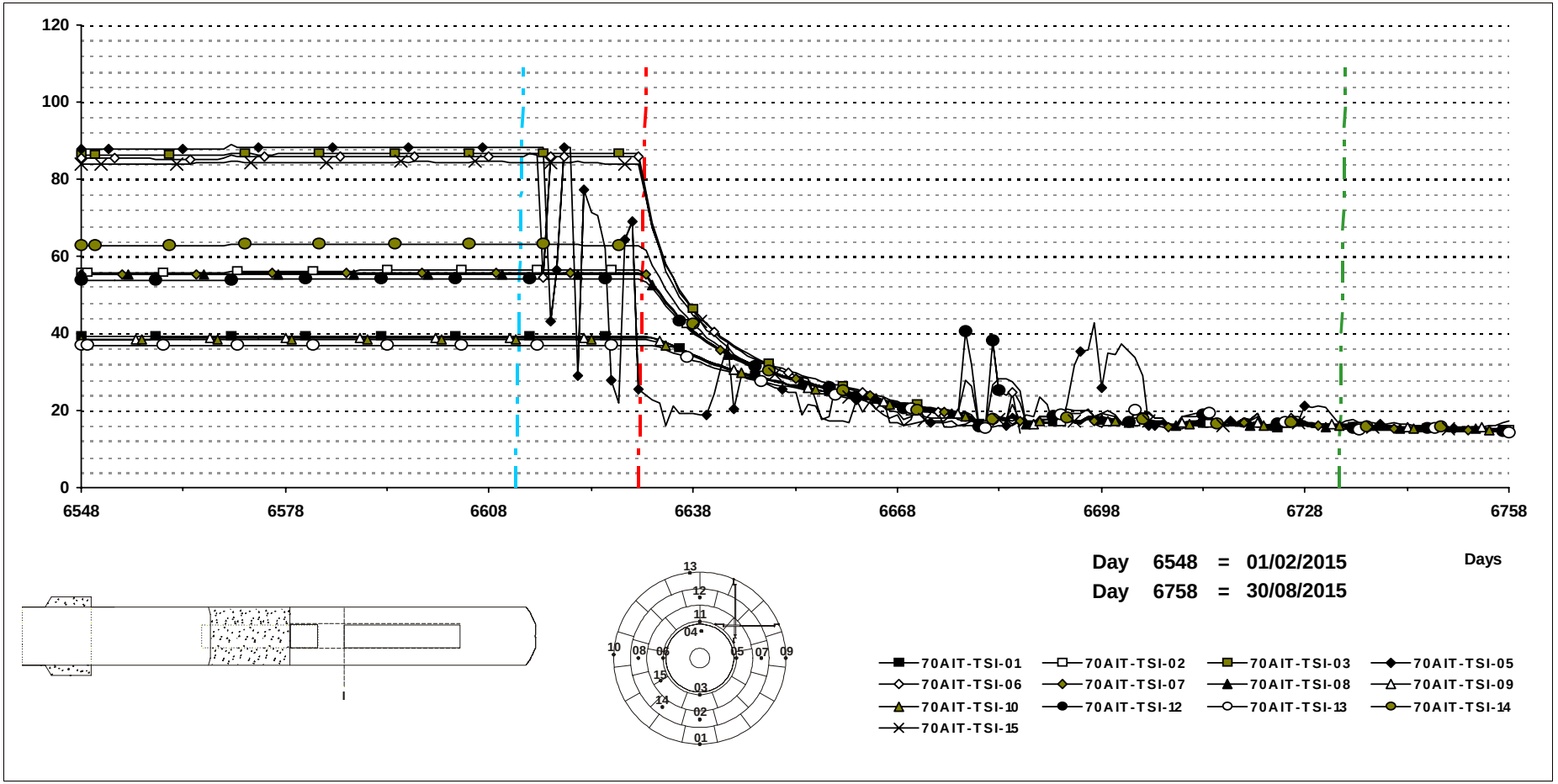


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TSI-14 and 70AIT-TSI-15: signal connected on day 2309 (25/06/03).
70AIT-TSI-04: Out of order from day -70 (19/12/1996).
70AIT-TSI-05: Data from day 2297 (13/06/2003) to 4561 (24/08/2009) are not reliable.
70AIT-TSI-06: Data from day 1968 (19/07/2002) to 4215 (12/09/2008) are not reliable.
70AIT-TSI-11: Out of order from day 2295 (11/06/2003).

SECTION I

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***

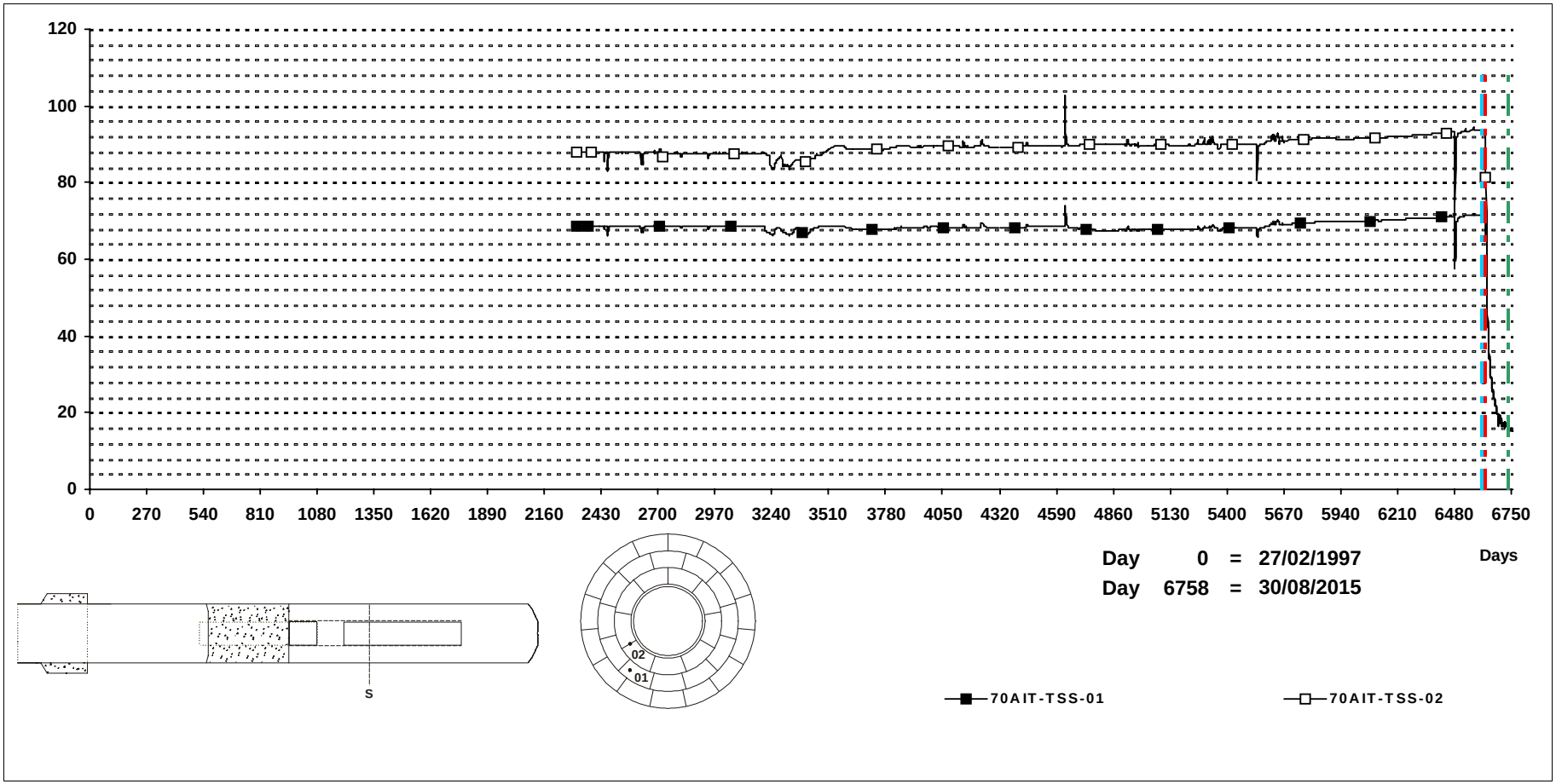


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TSI-14 and 70AIT-TSI-15: signal connected on day 2309 (25/06/03).
70AIT-TSI-04: Out of order from day -70 (19/12/1996).
70AIT-TSI-05: Data from day 2297 (13/06/2003) to 4561 (24/08/2009) are not reliable.
70AIT-TSI-06: Data from day 1968 (19/07/2002) to 4215 (12/09/2008) are not reliable.
70AIT-TSI-11: Out of order from day 2295 (11/06/2003).

SECTION S

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***

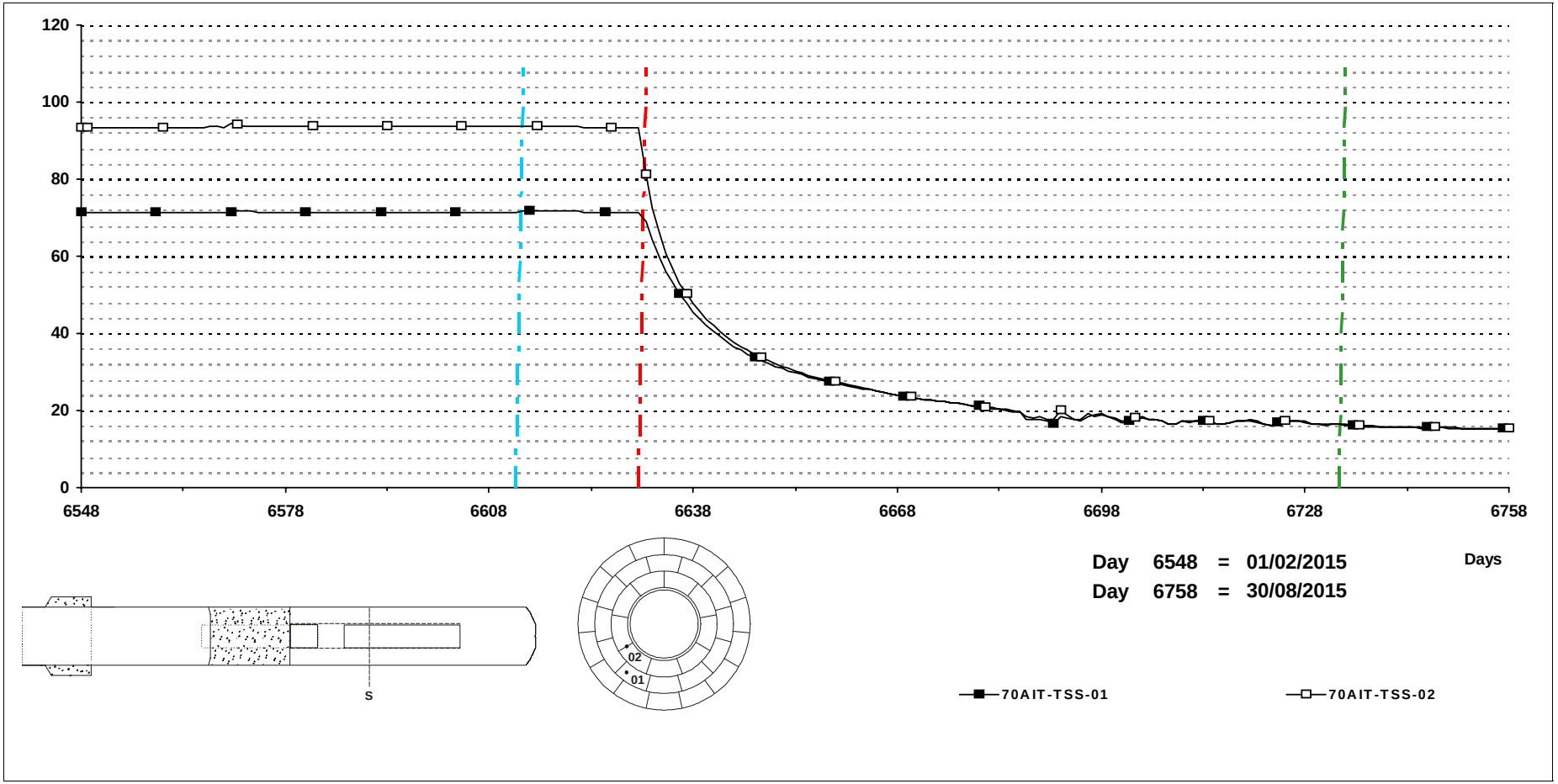


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 2309 (25/06/03).

SECTION S

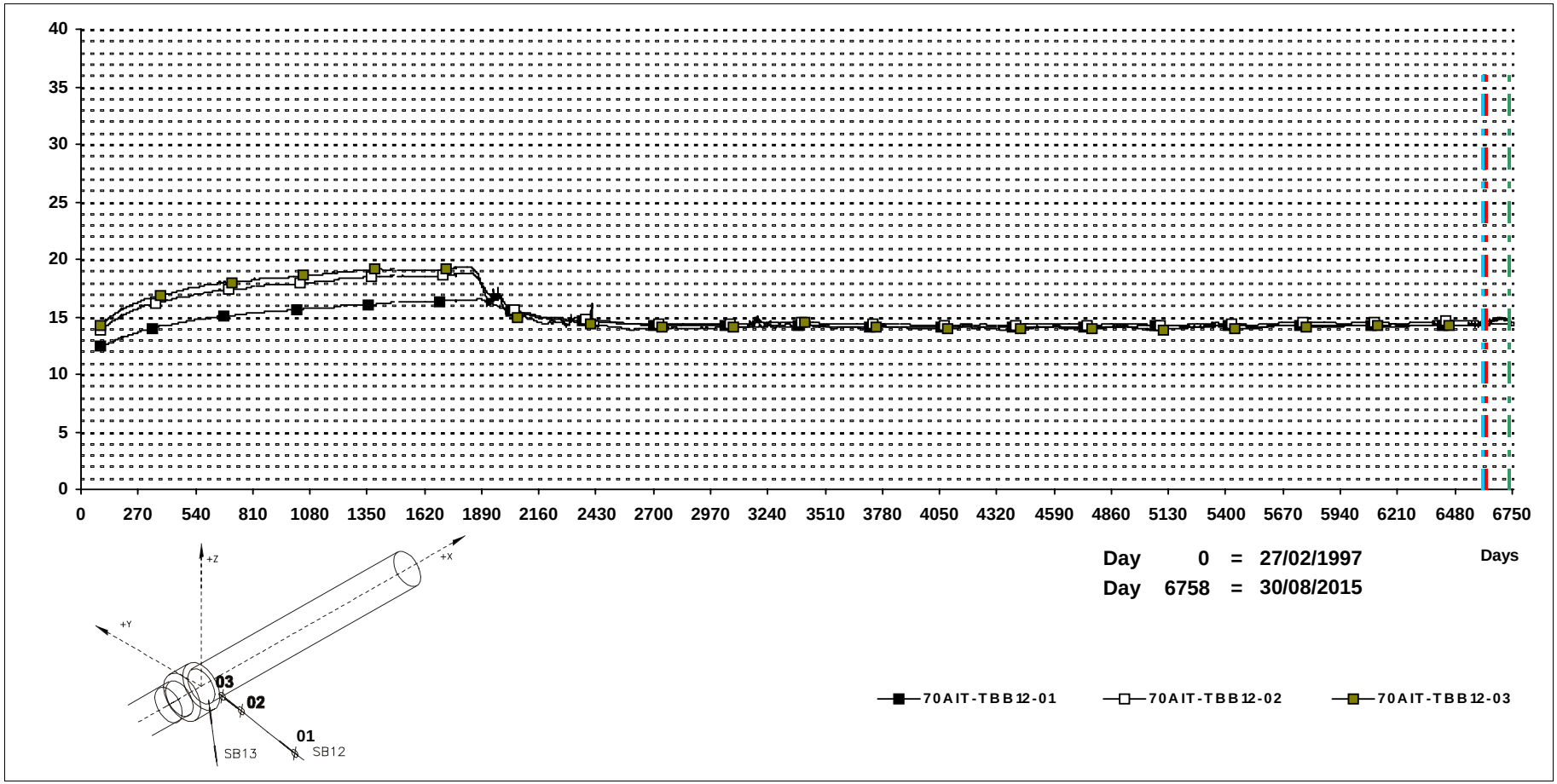
SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 2309 (25/06/03).

SECTION Borehole SB12 ***SENSOR TYPE: Temperature (thermocouple).*** ***UNITS: ºC***

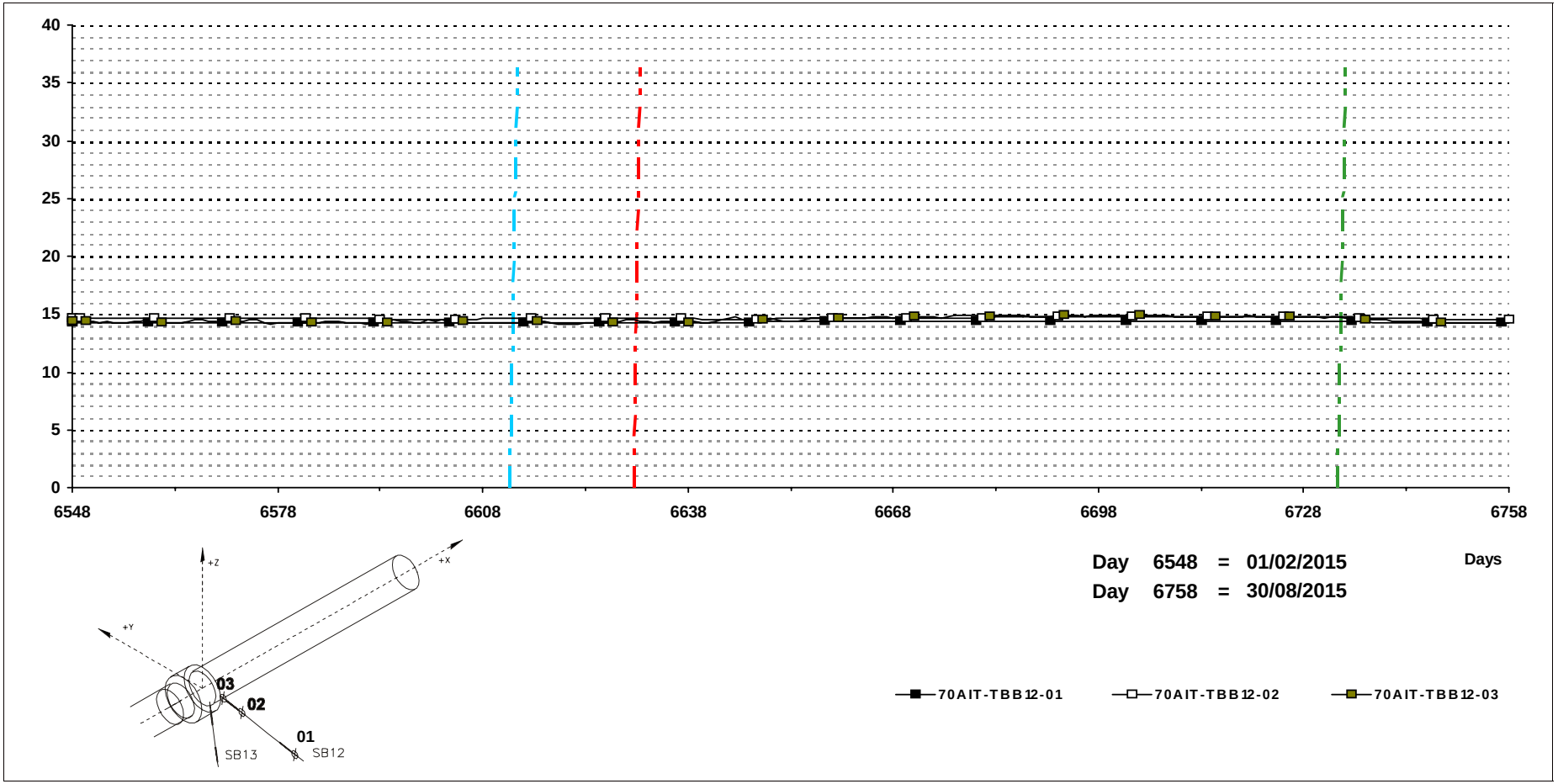


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SB12

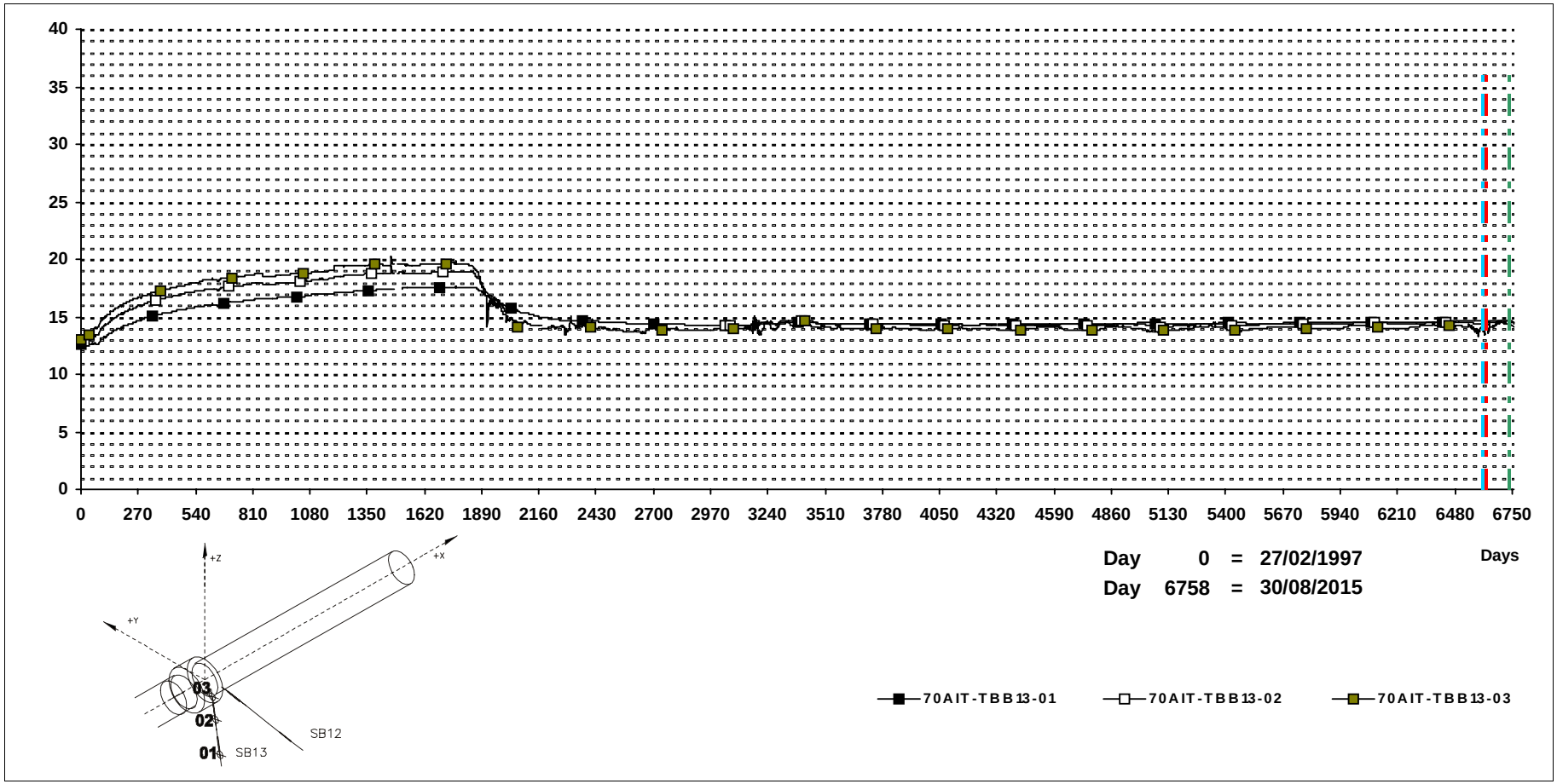
SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SB13 ***SENSOR TYPE: Temperature (thermocouple).*** ***UNITS: ºC***



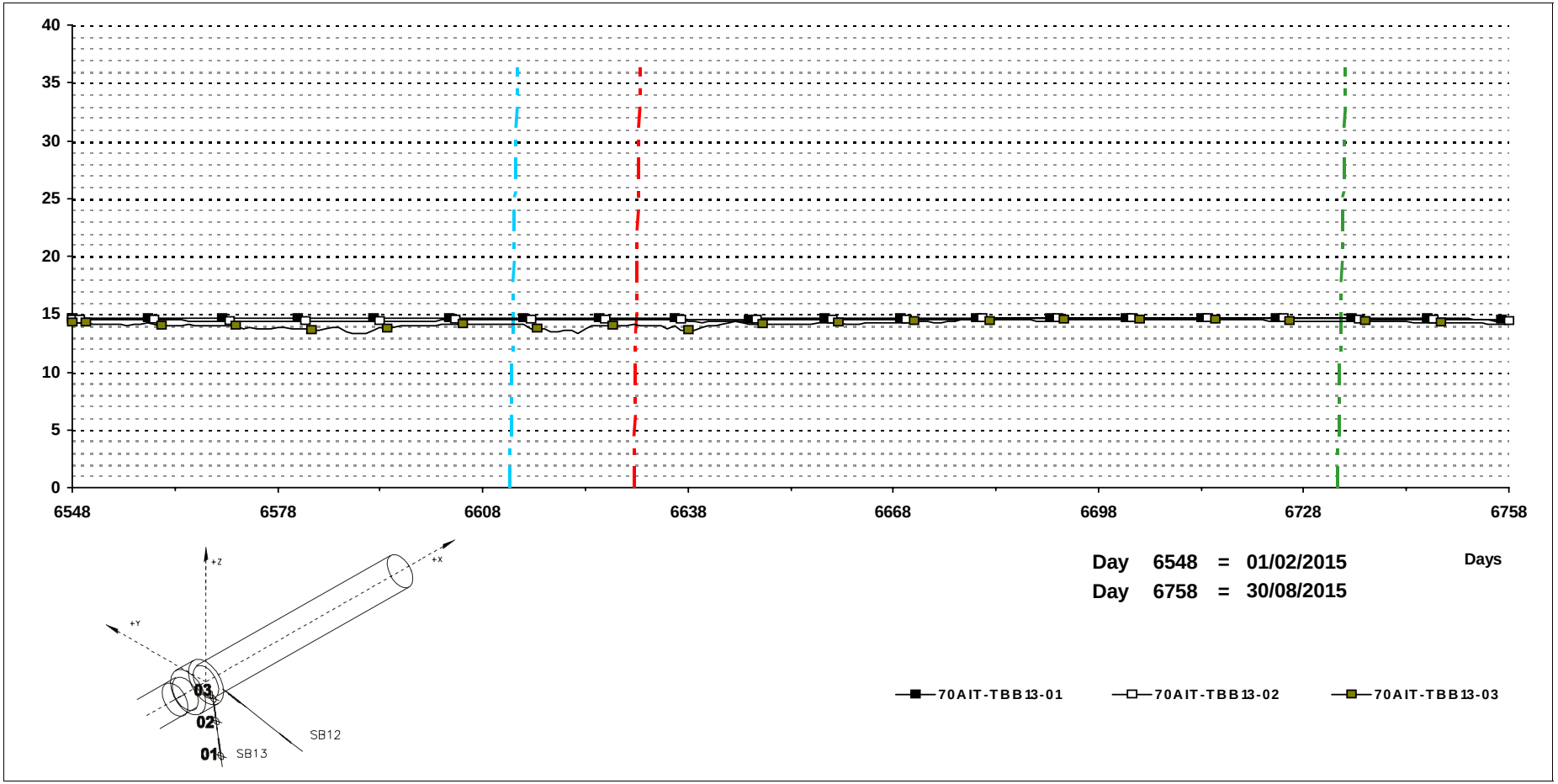
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBB13-02: Data from day 2009 (29/08/2002) to 3038 (23/06/2005) are not reliable.

SECTION Borehole SB13

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



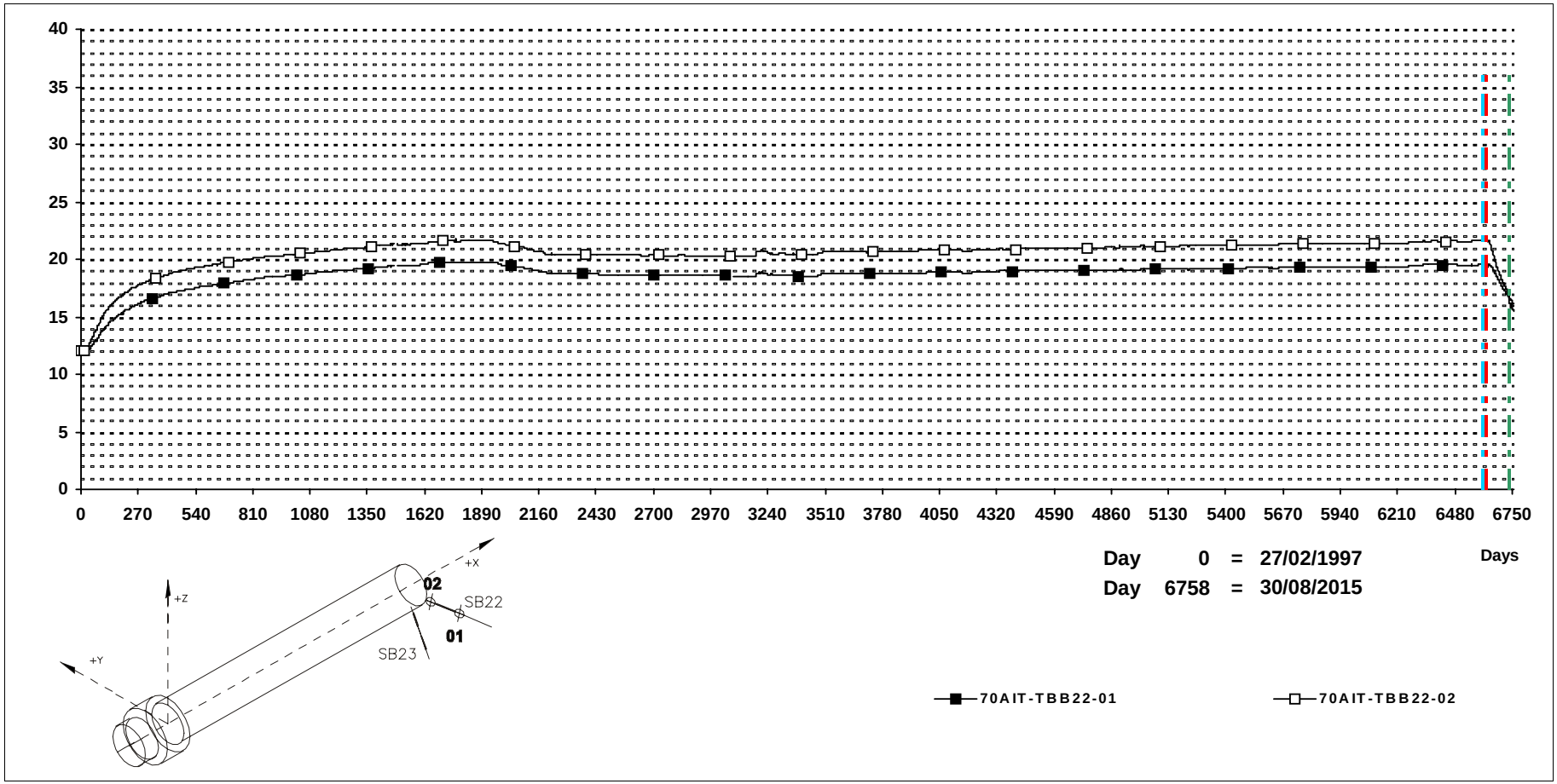
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBB13-02: Data from day 2009 (29/08/2002) to 3038 (23/06/2005) are not reliable.

SECTION Borehole SB22

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



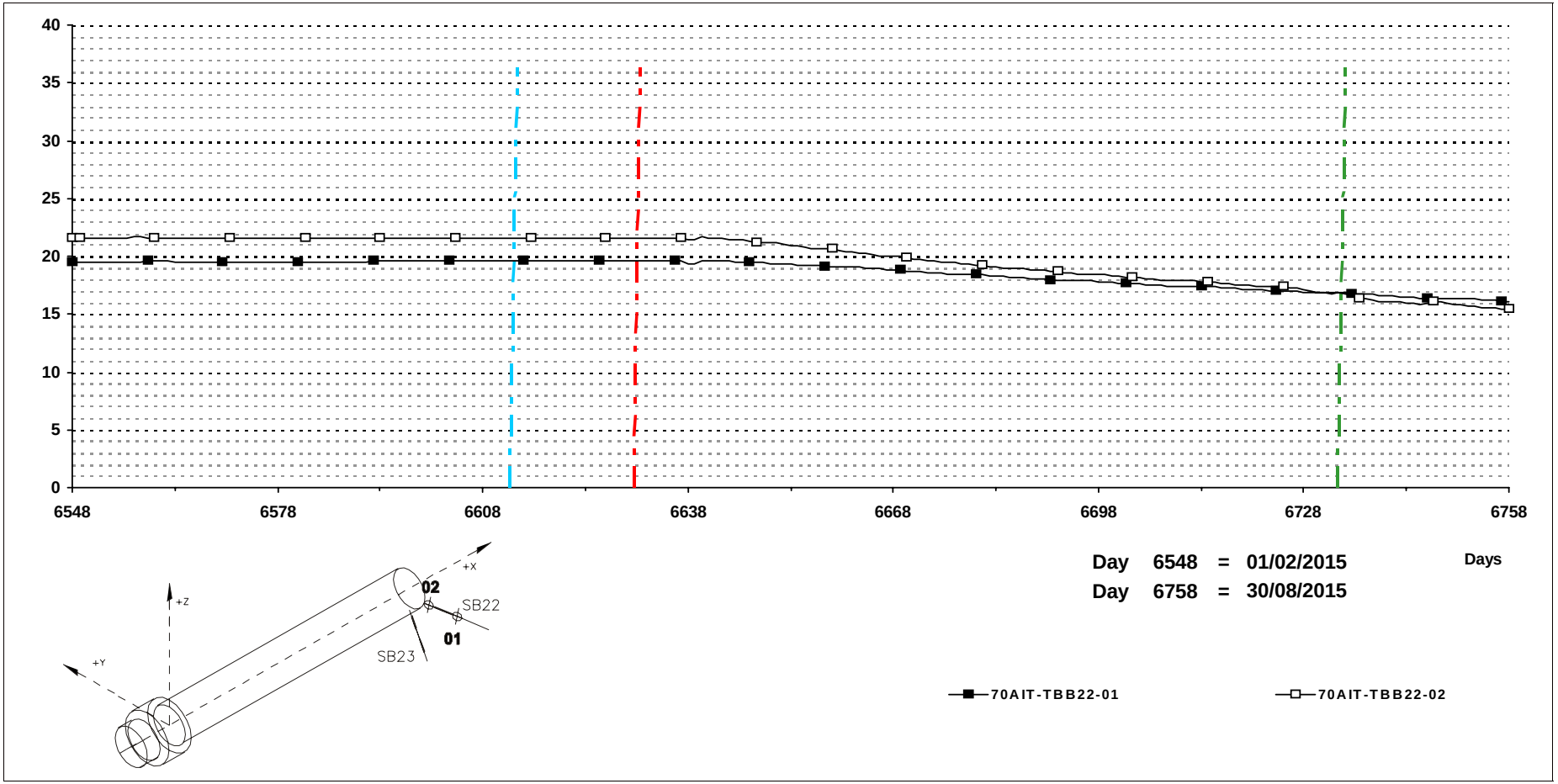
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBB22-02: Data from day 1477 (15/03/2001) to 1490 (28/03/2001) are not reliable.

SECTION Borehole SB22

SENSOR TYPE: Temperature (thermocouple).

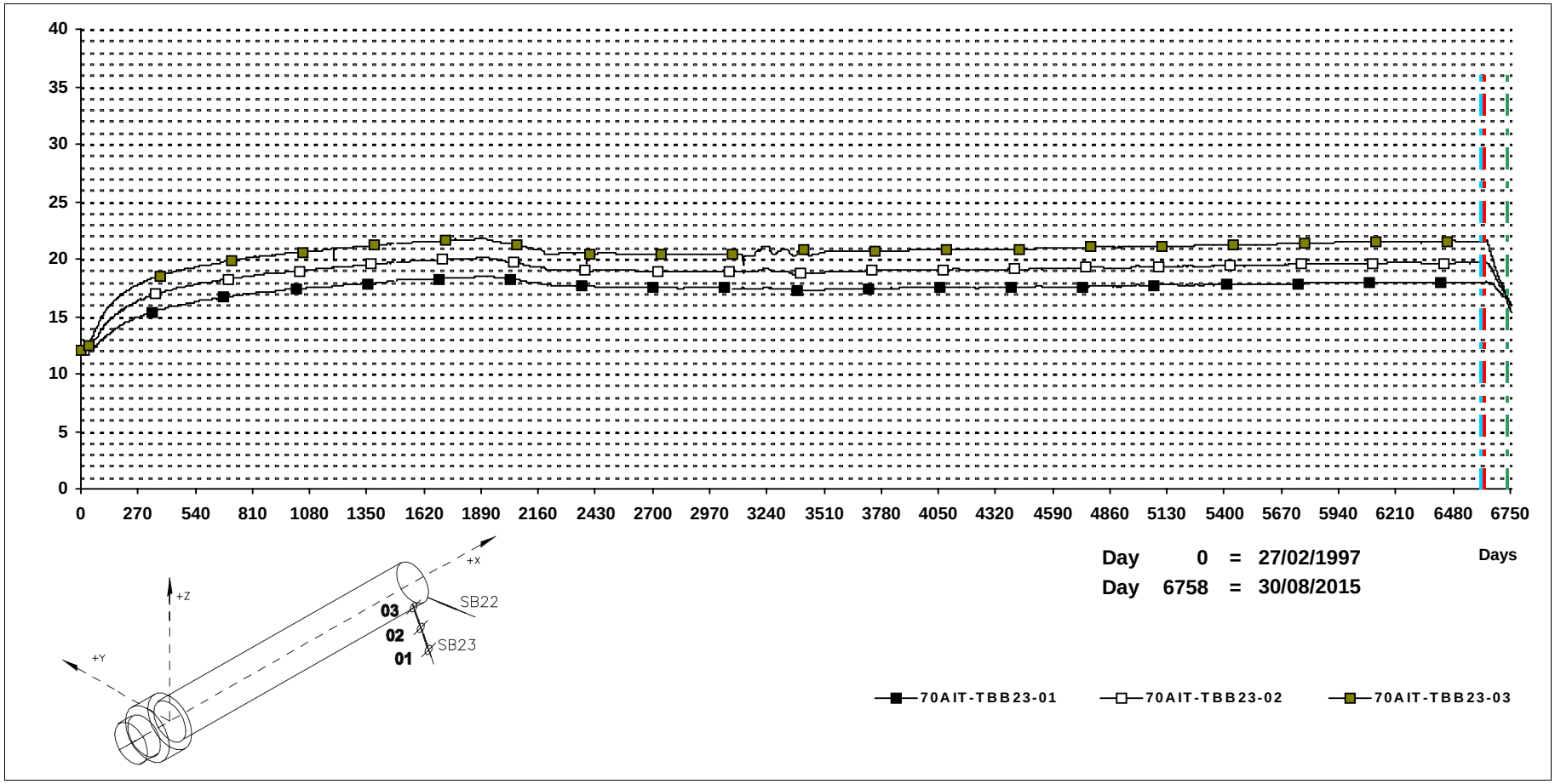
UNITS: ºC



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBB22-02: Data from day 1477 (15/03/2001) to 1490 (28/03/2001) are not reliable.

SECTION Borehole SB23 ***SENSOR TYPE: Temperature (thermocouple).*** ***UNITS: ºC***

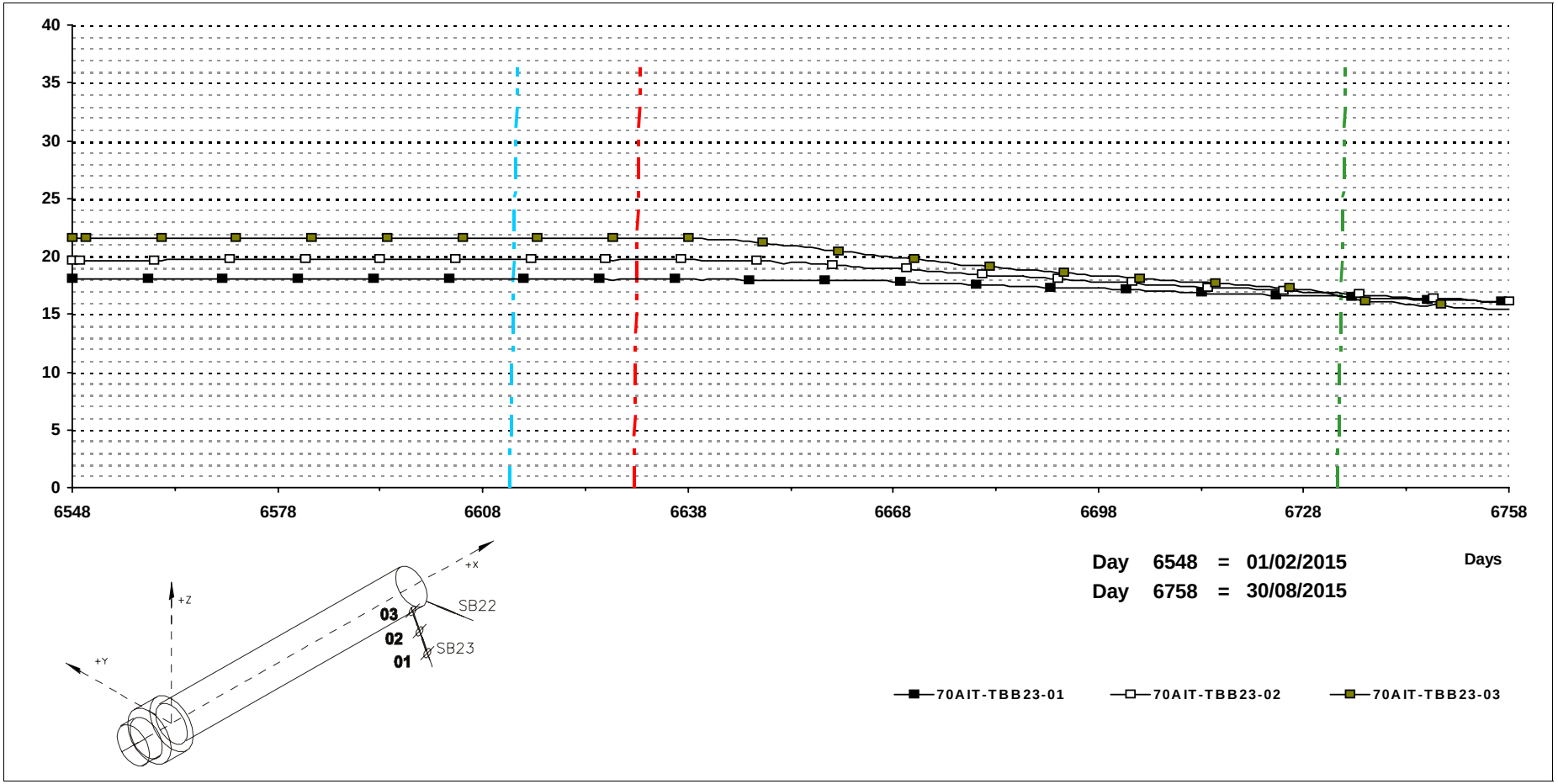


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SB23

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***



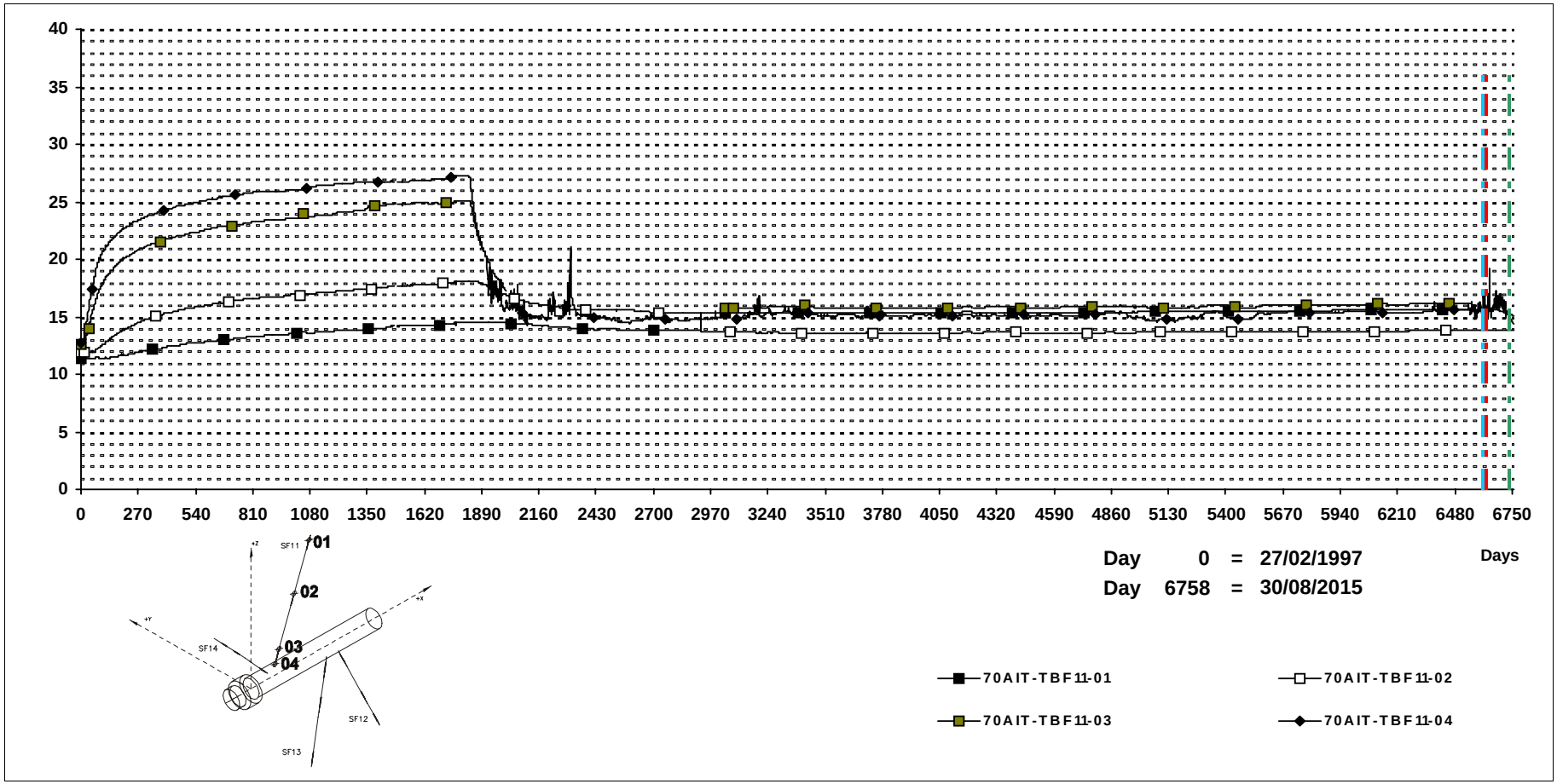
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF11

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



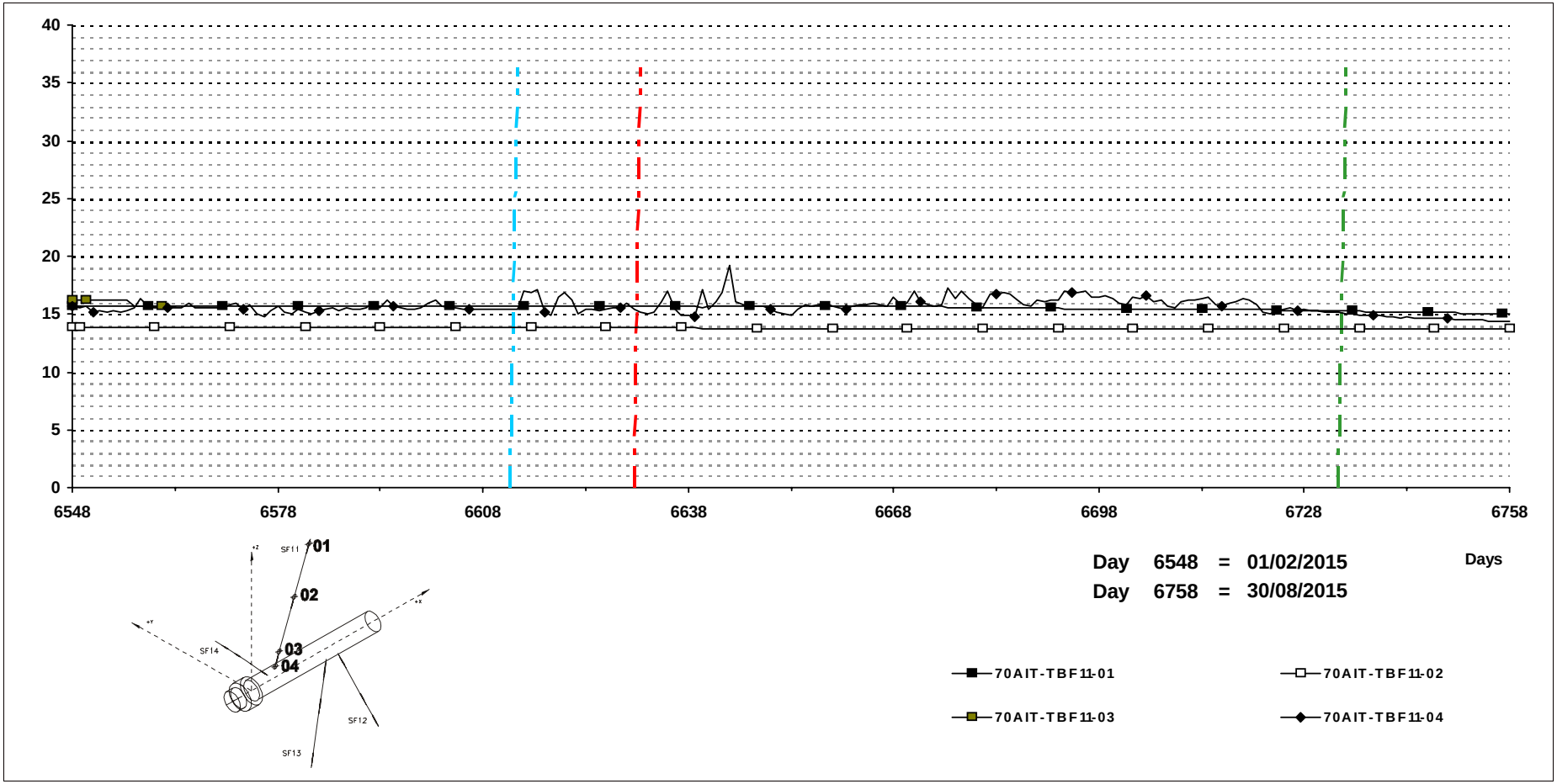
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBF11-03: Data from day 2009 (29/08/2002) to 3038 (23/06/2005) are not reliable.

SECTION Borehole SF11

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



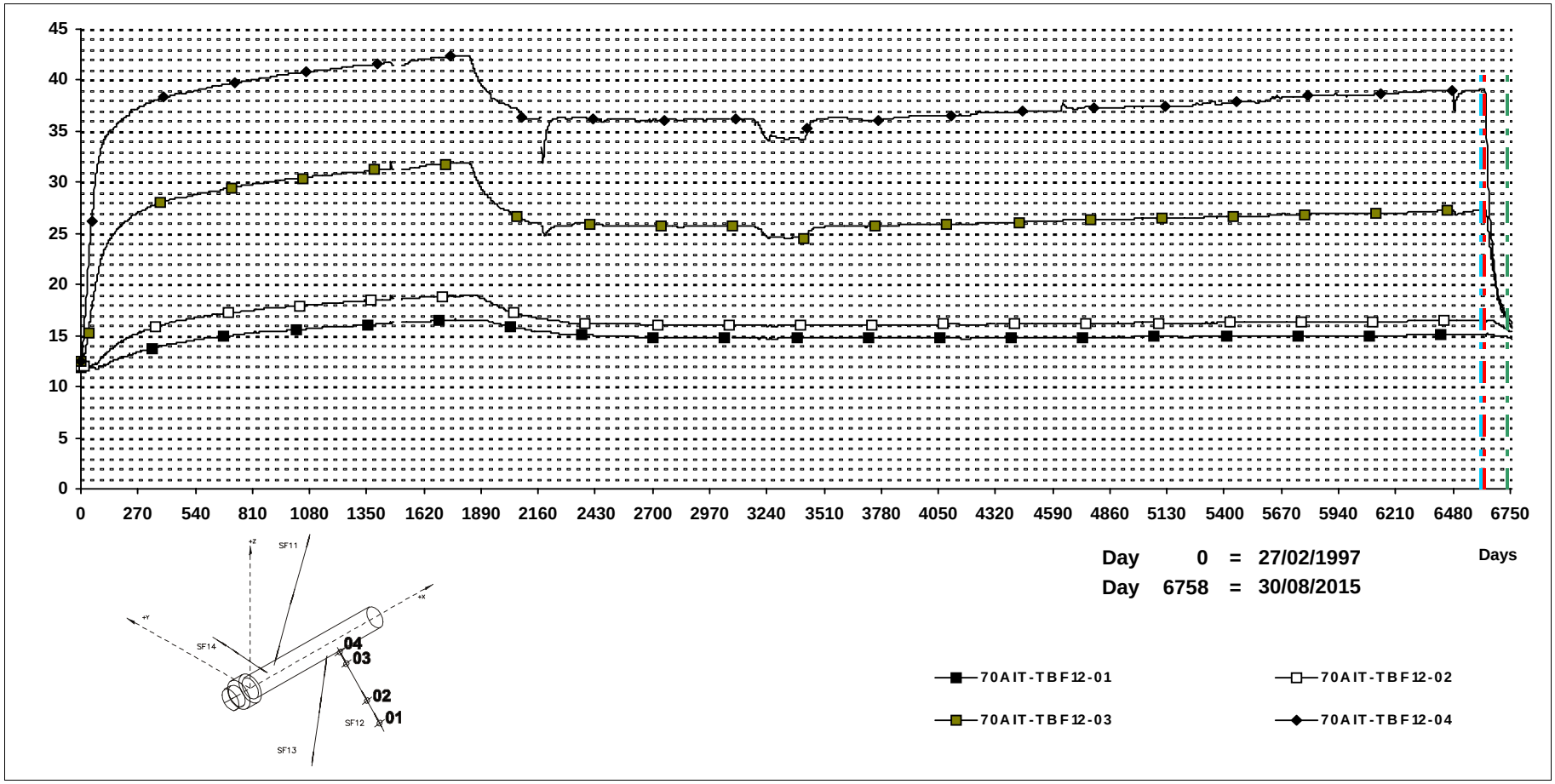
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBF11-03: Data from day 2009 (29/08/2002) to 3038 (23/06/2005) are not reliable.

SECTION Borehole SF12

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



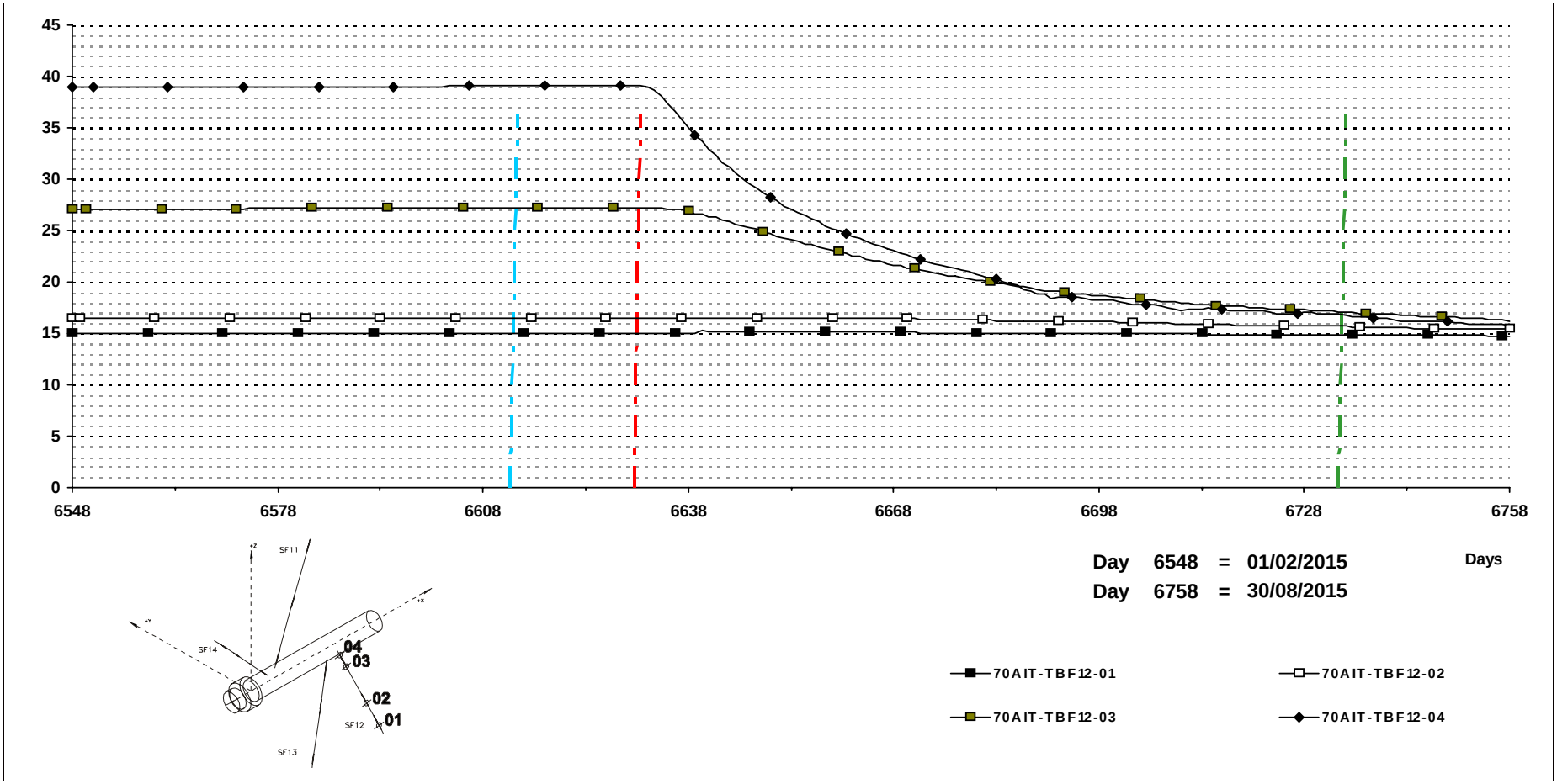
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF12

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



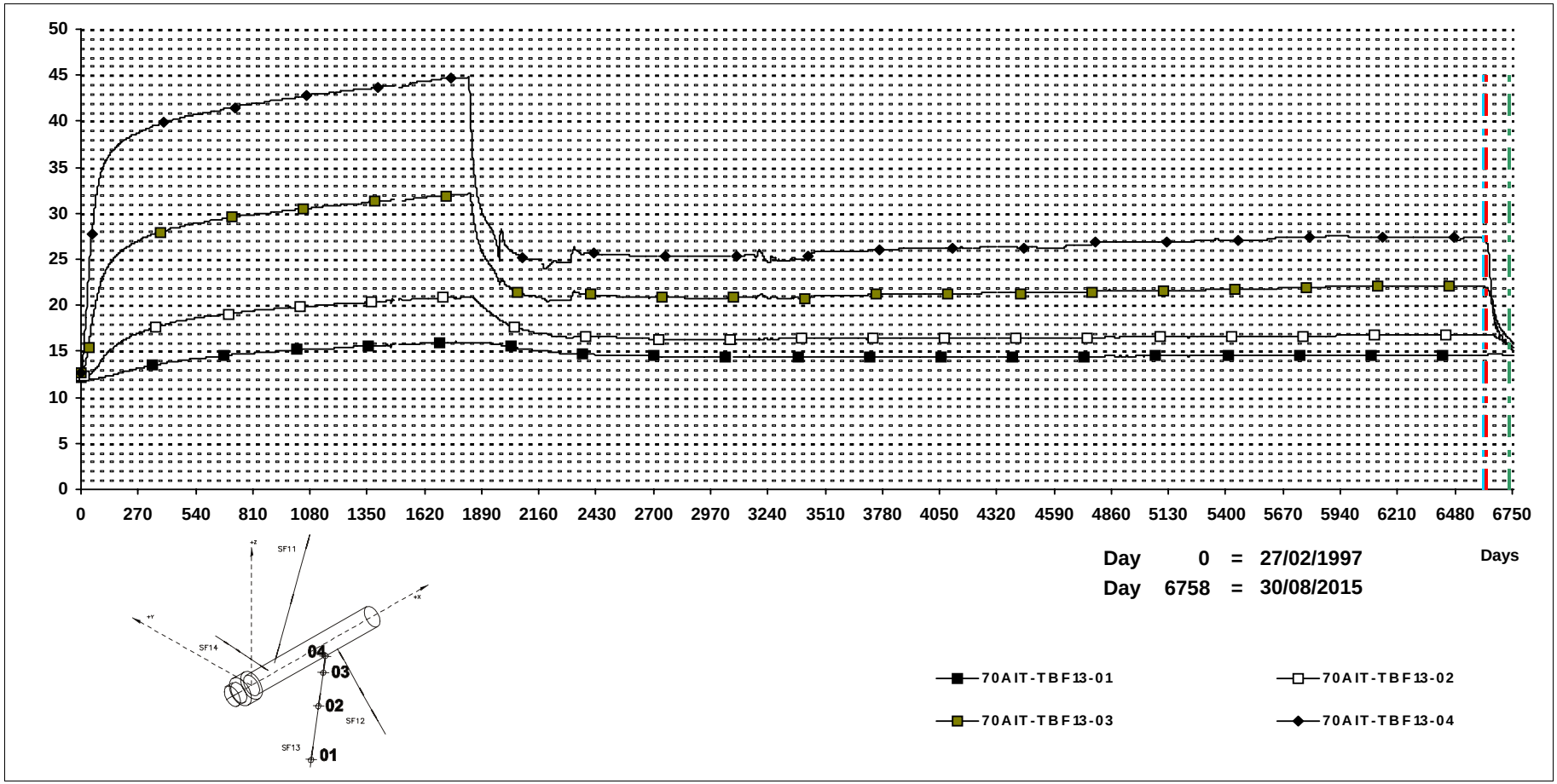
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF13

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



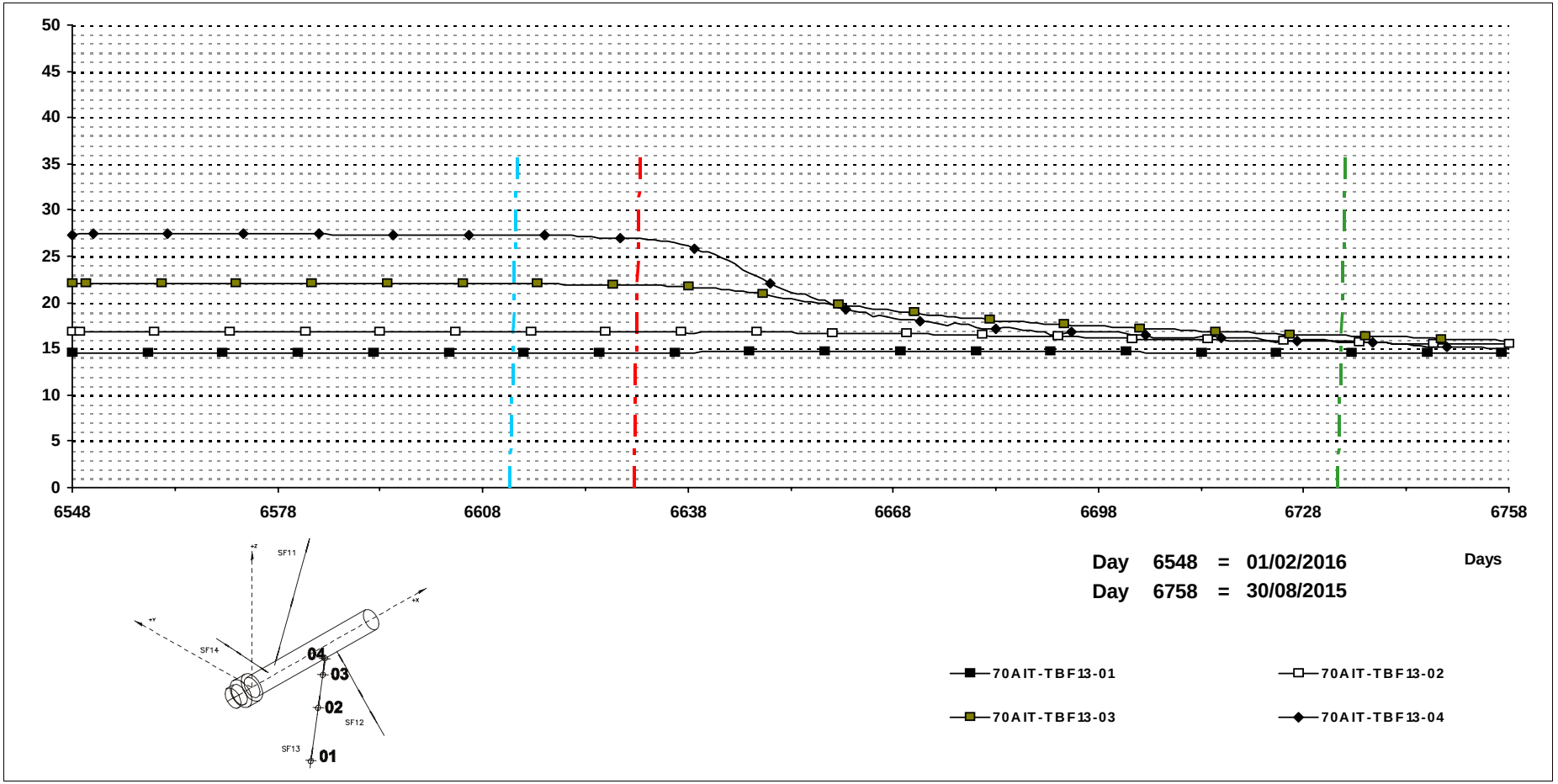
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF13

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



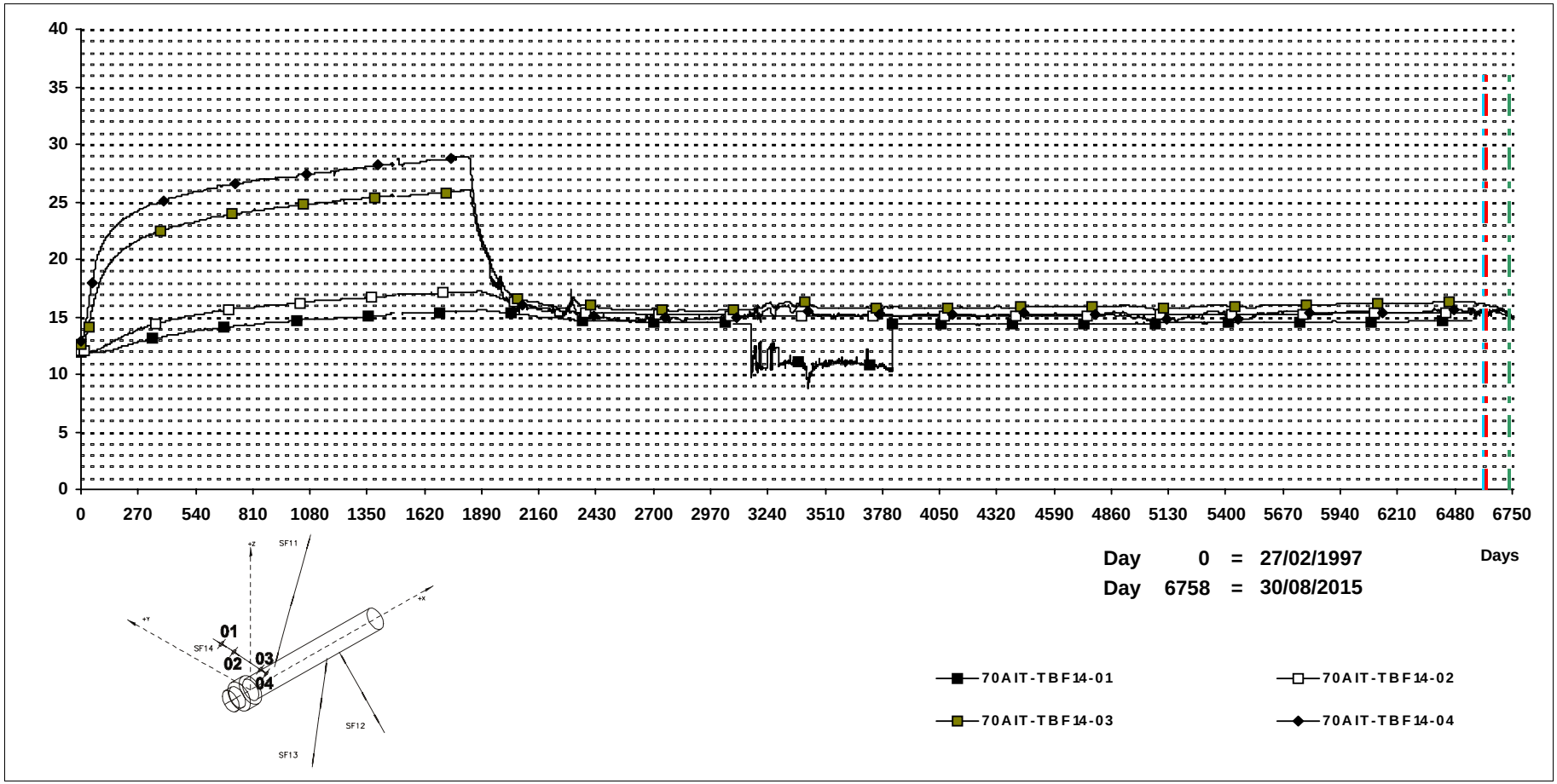
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF14

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



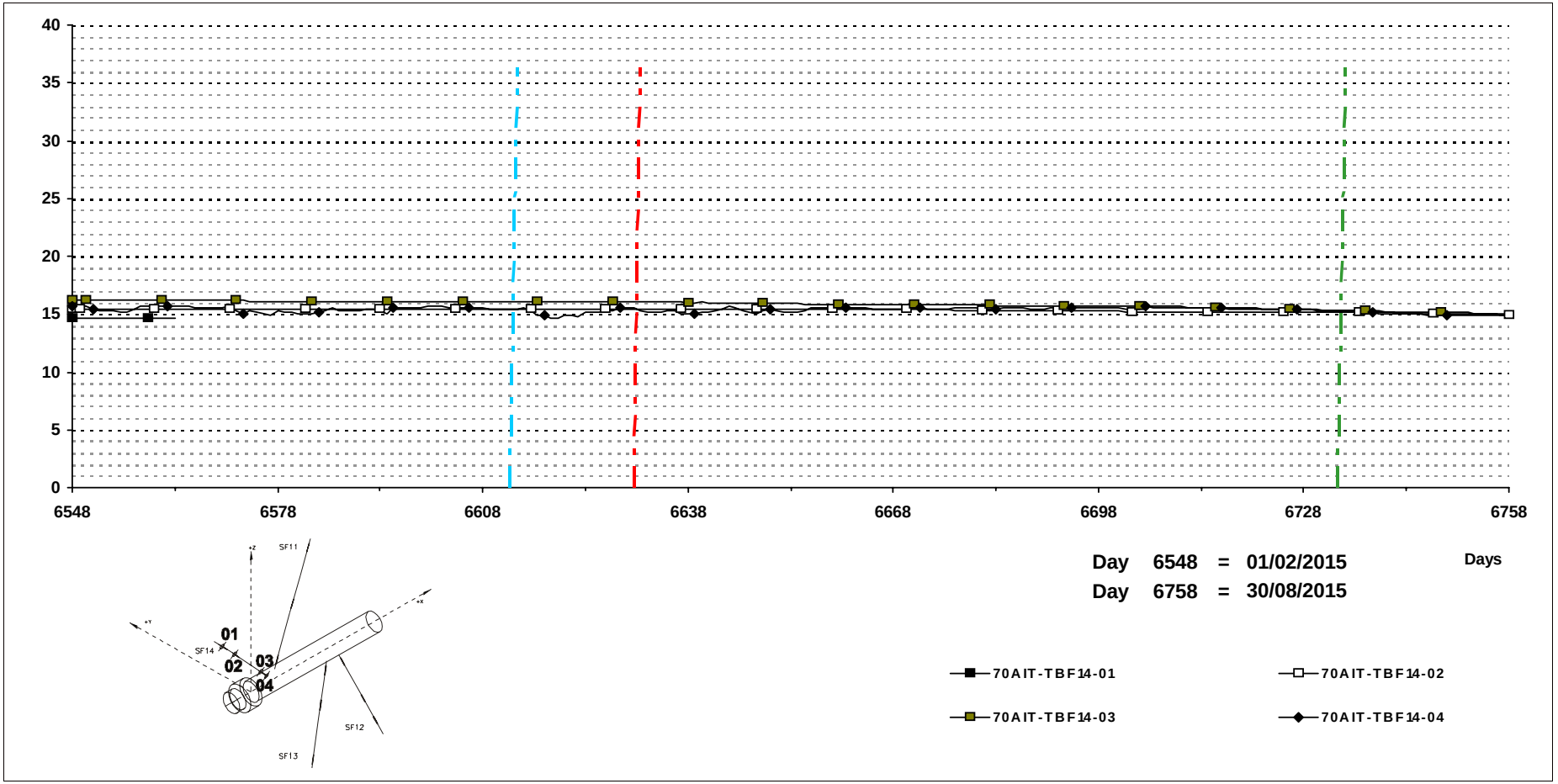
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF14

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



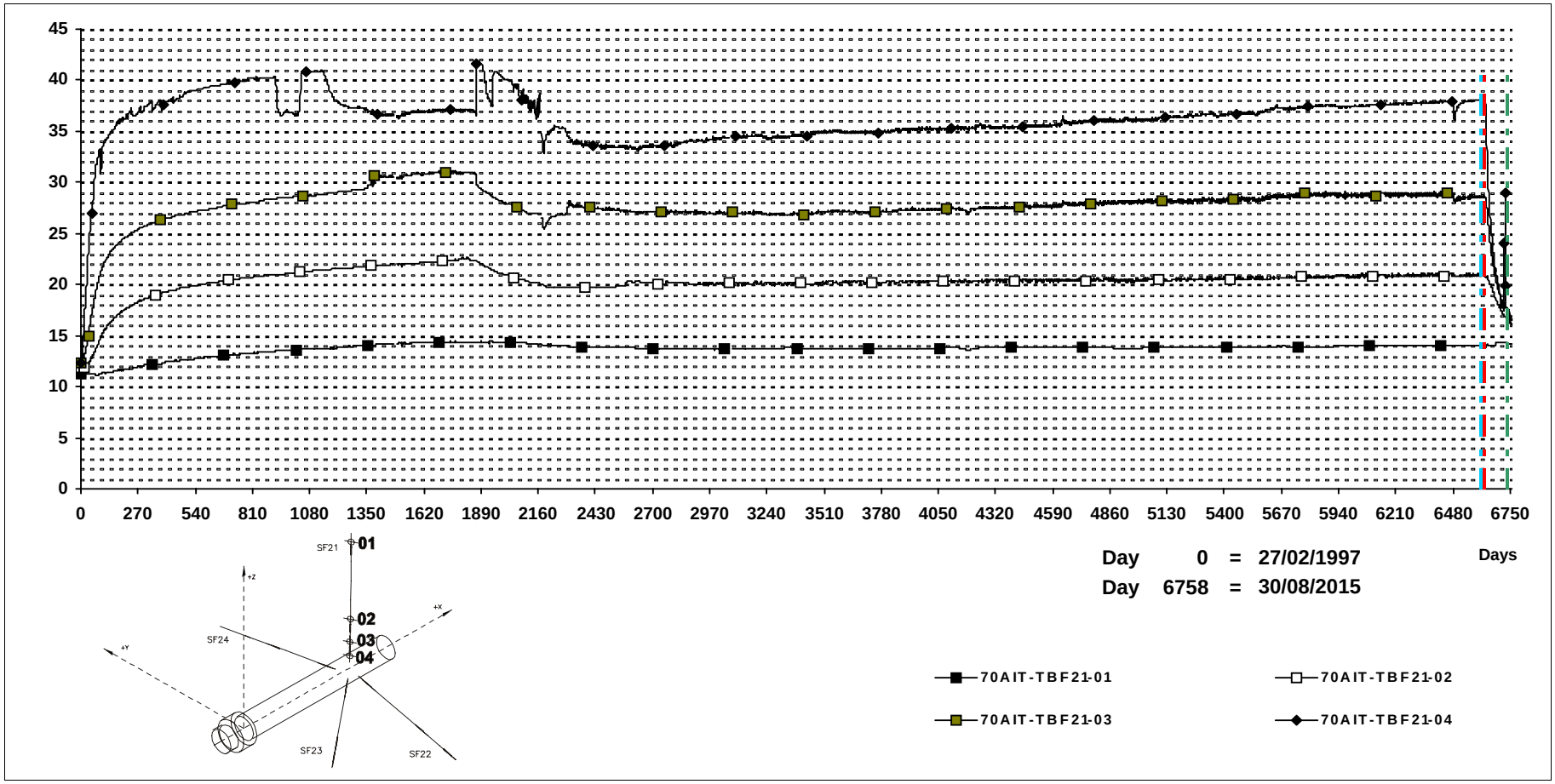
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF21

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC

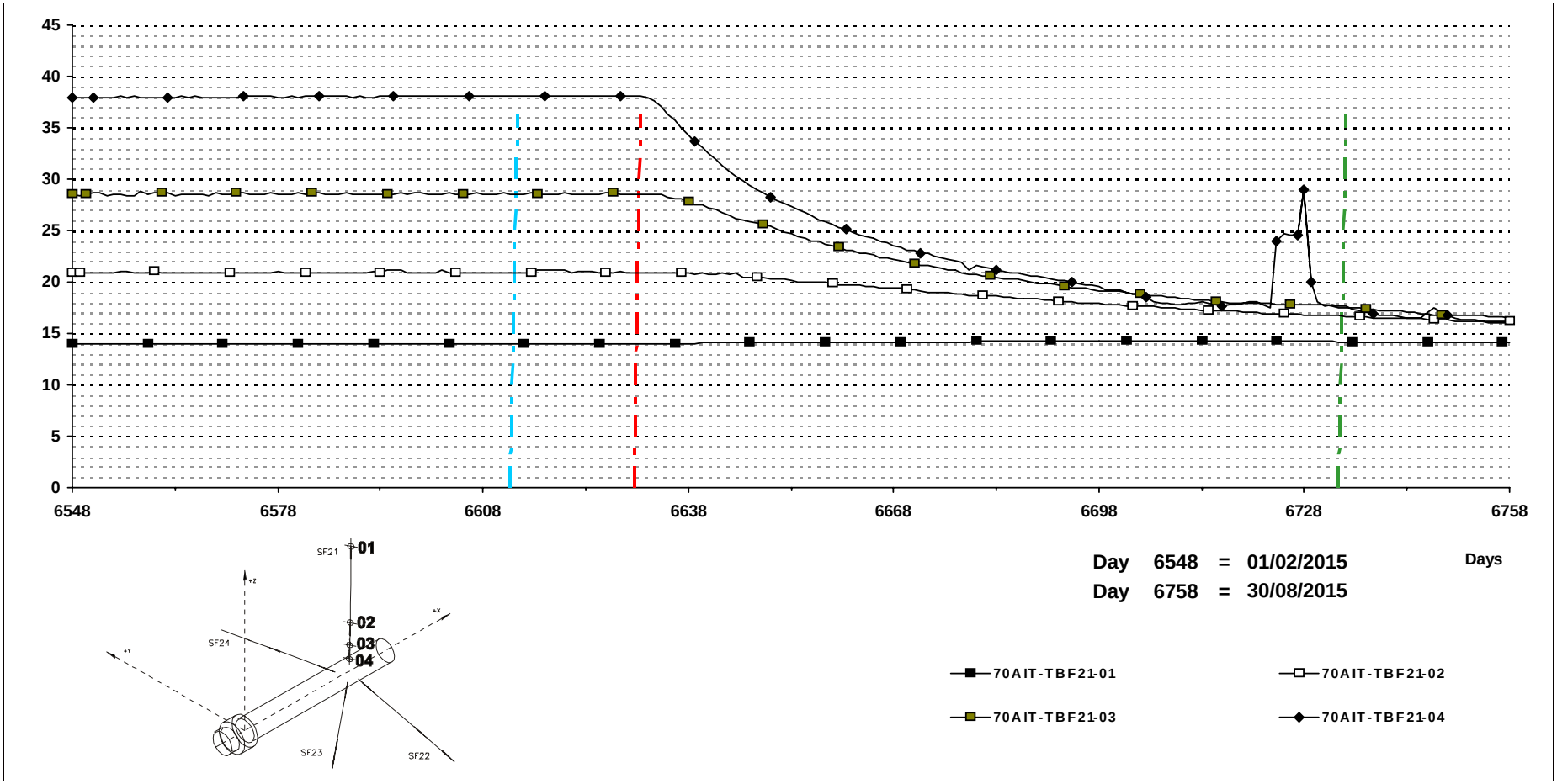


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF21

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***



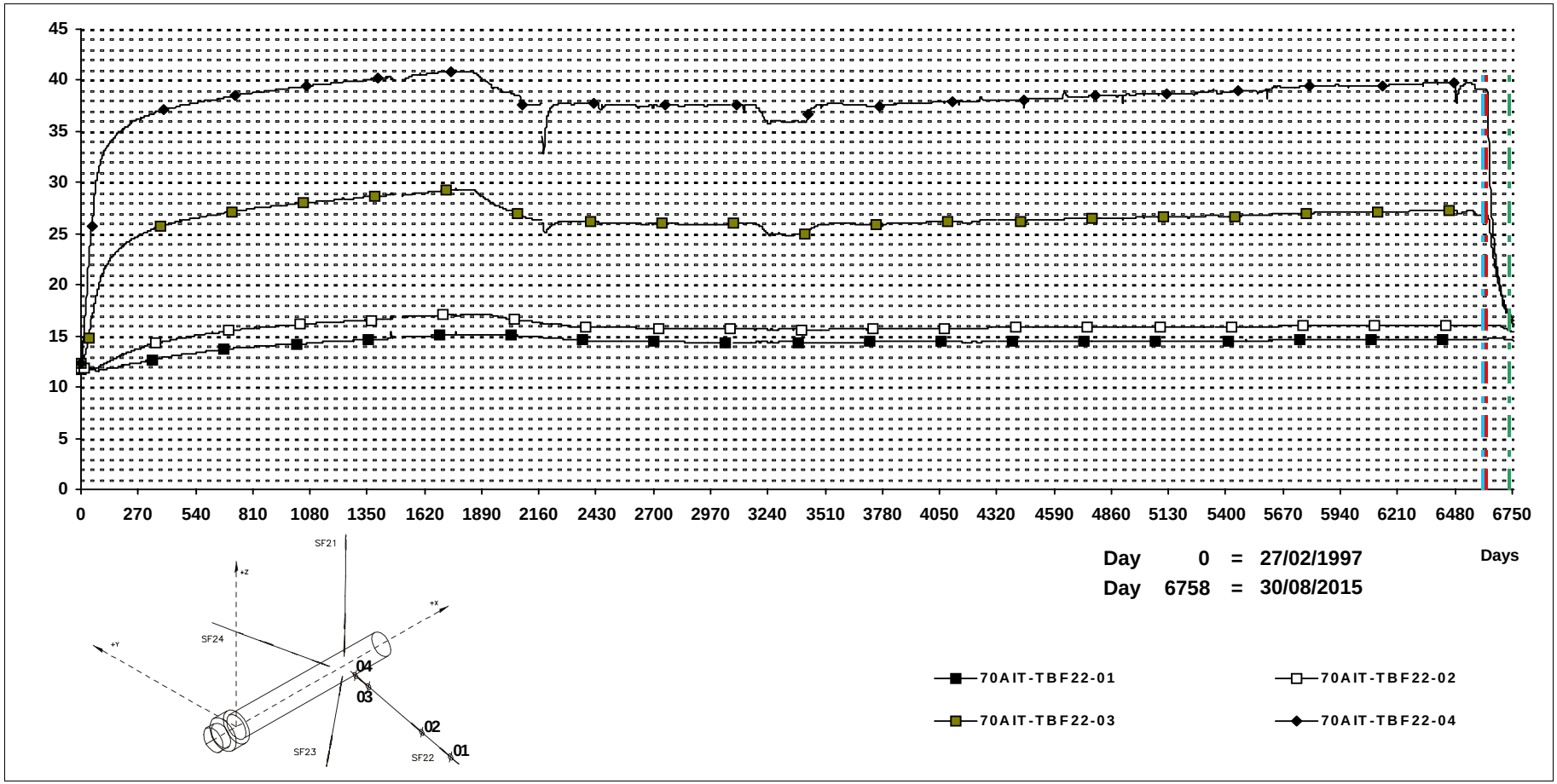
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF22

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC

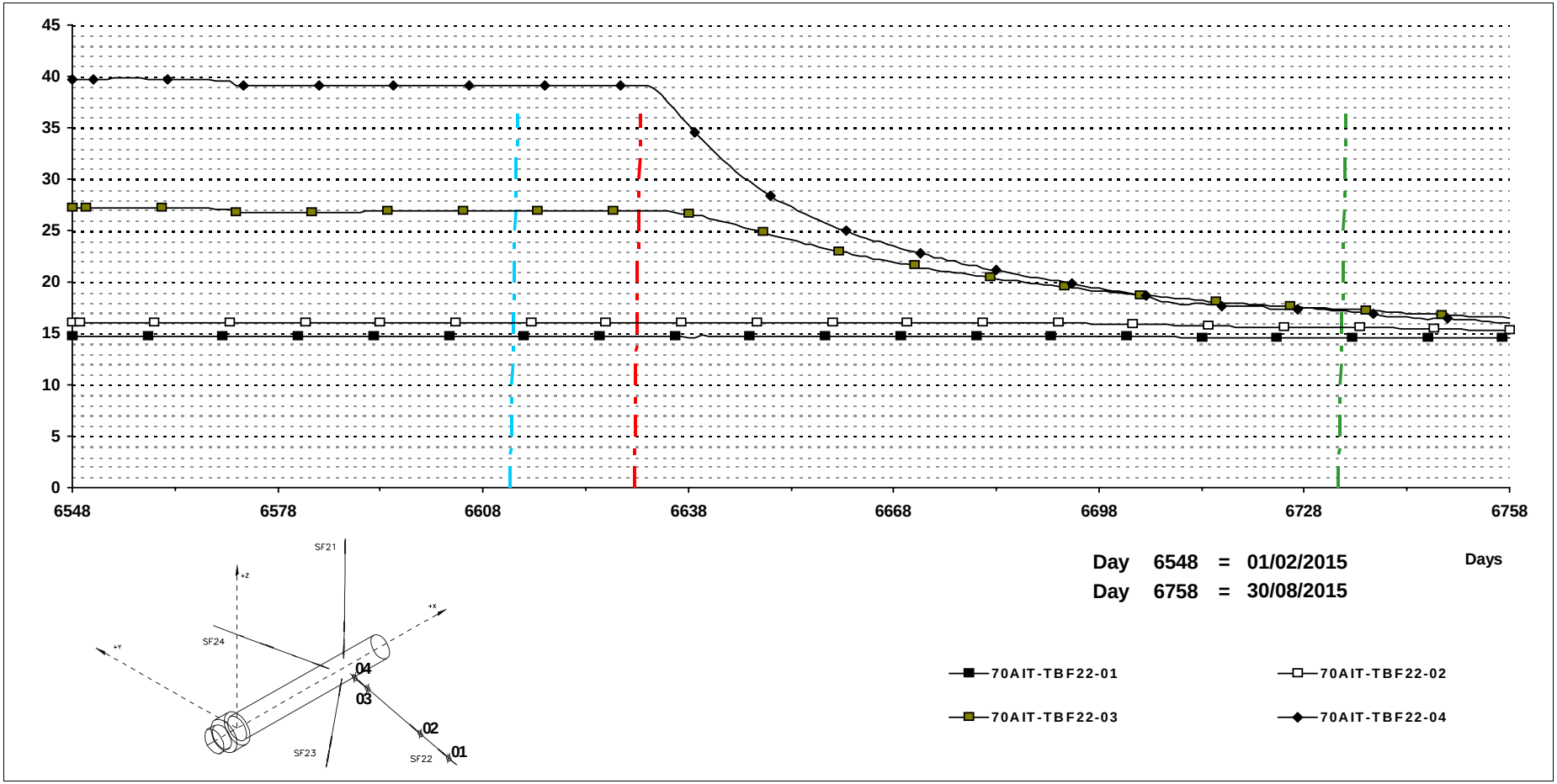


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF22

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***



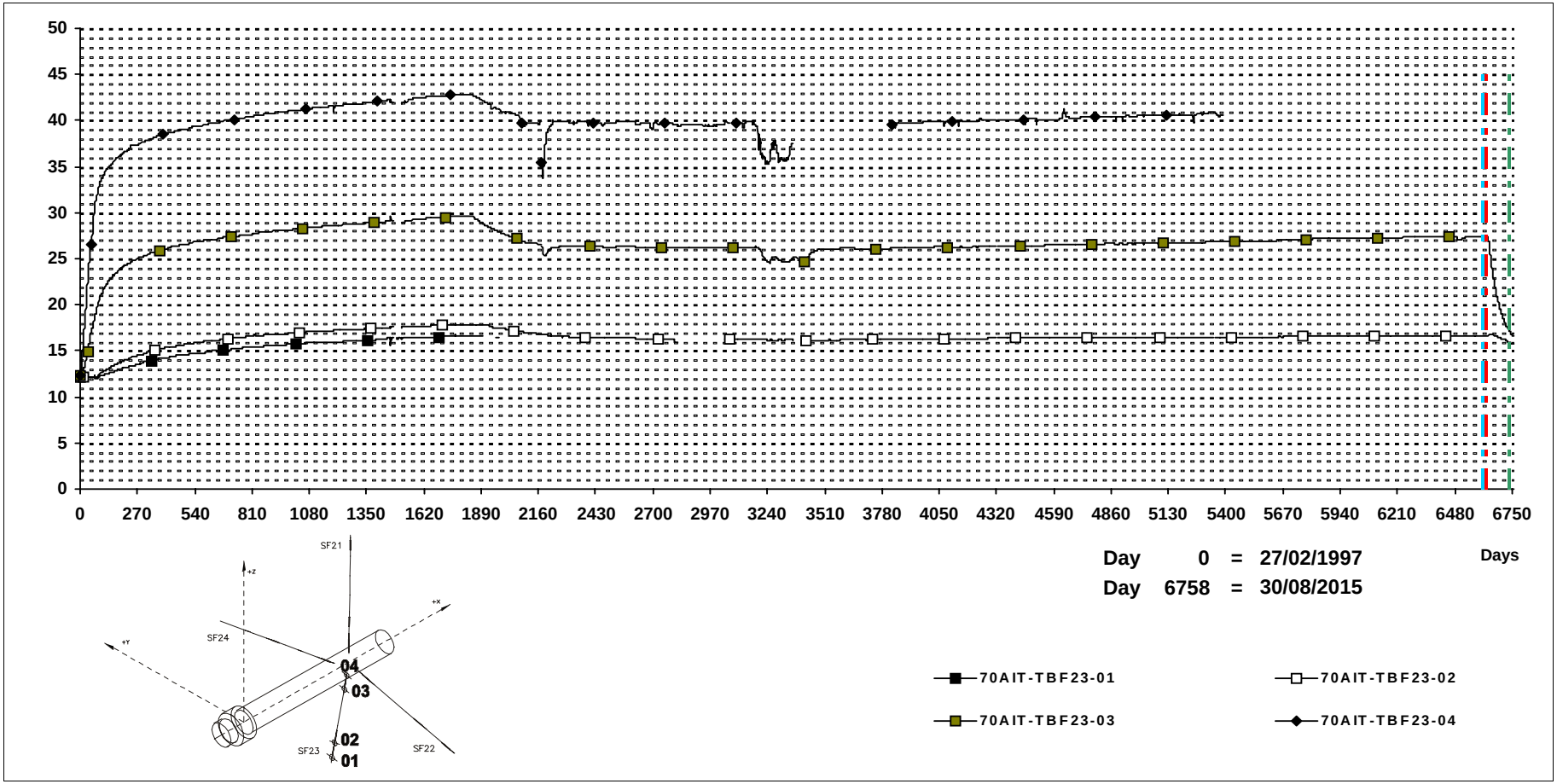
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF23

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



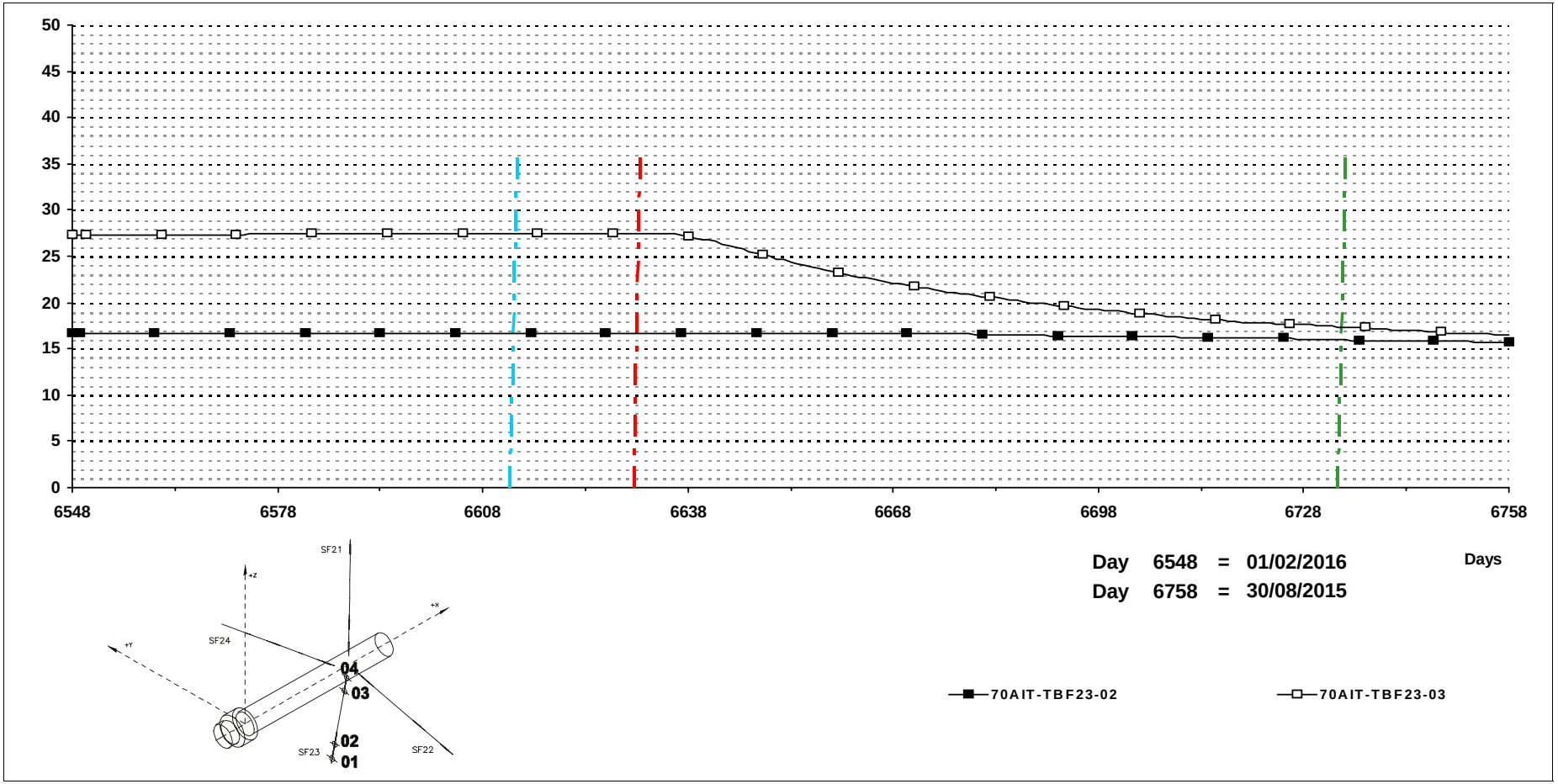
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBF23-01: Data from day 1901 (13/05/2002) to 1961 (12/07/2002) are not reliable. Out of order from day 1973 (24/07/2002).
70AIT-TBF23-02: Data from day 2820 (17/11/2004) to 3038 (23/06/2005) are not reliable. Data from day 3361 (12/05/2006) to 3422 (12/07/2006) are not reliable.
70AIT-TBF23-04: Data from day 3360 (11/05/2006) to 3825 (19/08/2007) are not reliable. Data from day 5392 (03/12/2011) are not reliable.

SECTION Borehole SF23

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



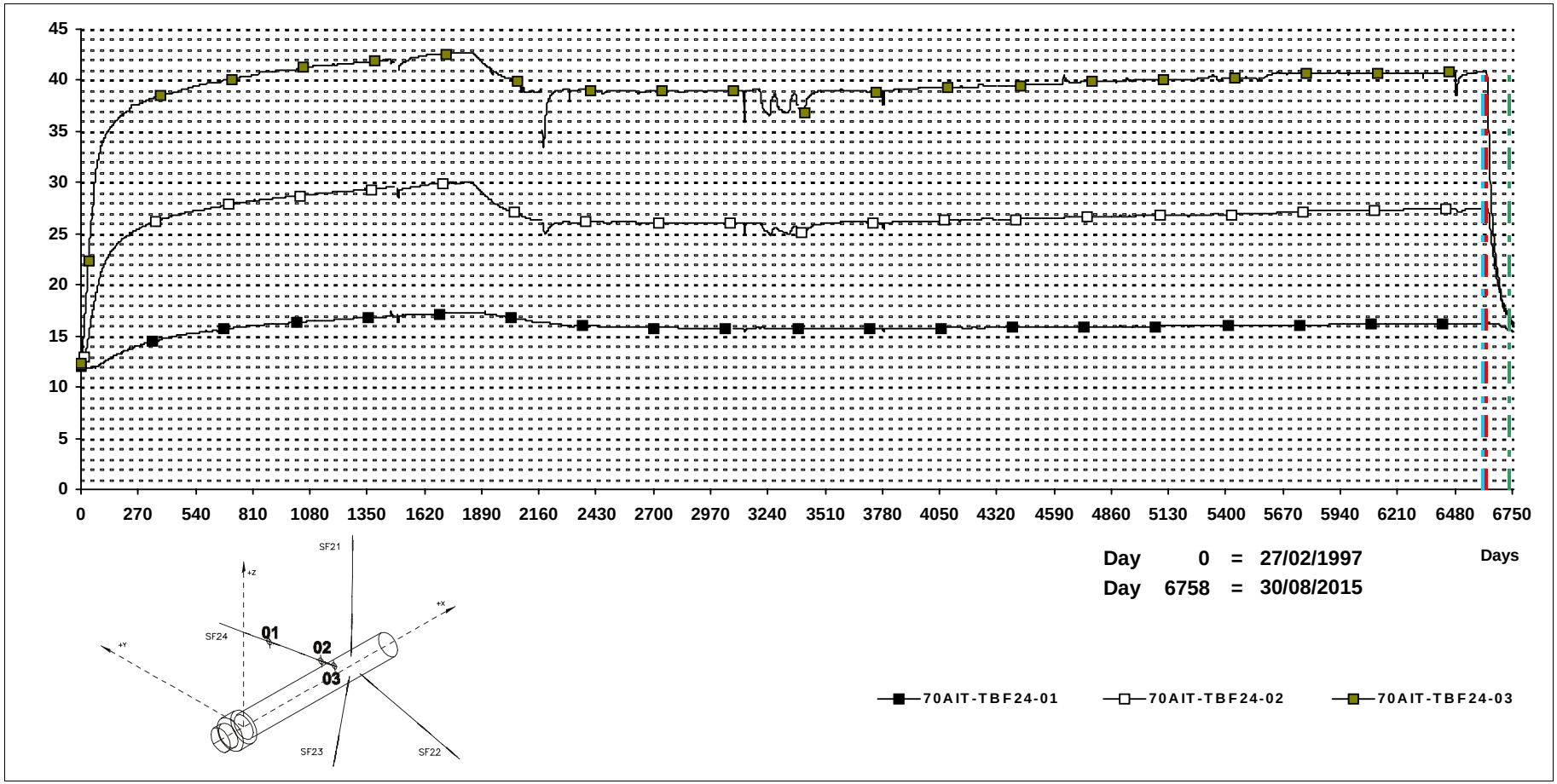
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBF23-01: Data from day 1901 (13/05/2002) to 1961 (12/07/2002) are not reliable. Out of order from day 1973 (24/07/2002).
70AIT-TBF23-02: Data from day 2820 (17/11/2004) to 3038 (23/06/2005) are not reliable. Data from day 3361 (12/05/2006) to 3422 (12/07/2006) are not reliable.
70AIT-TBF23-04: Data from day 3360 (11/05/2006) to 3825 (19/08/2007) are not reliable. Data from day 5392 (03/12/2011) are not reliable.

SECTION Borehole SF24

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC

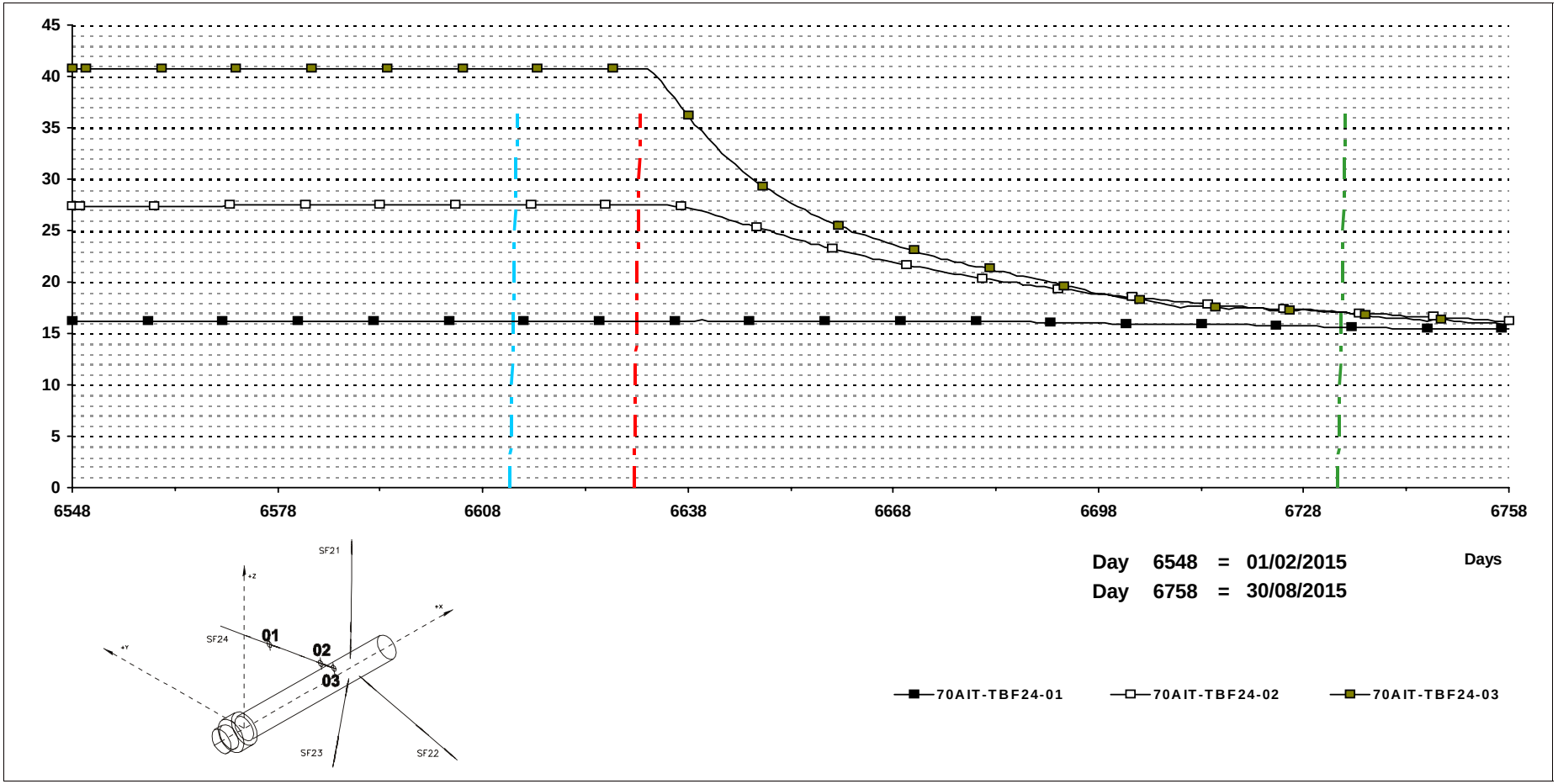


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF24

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***



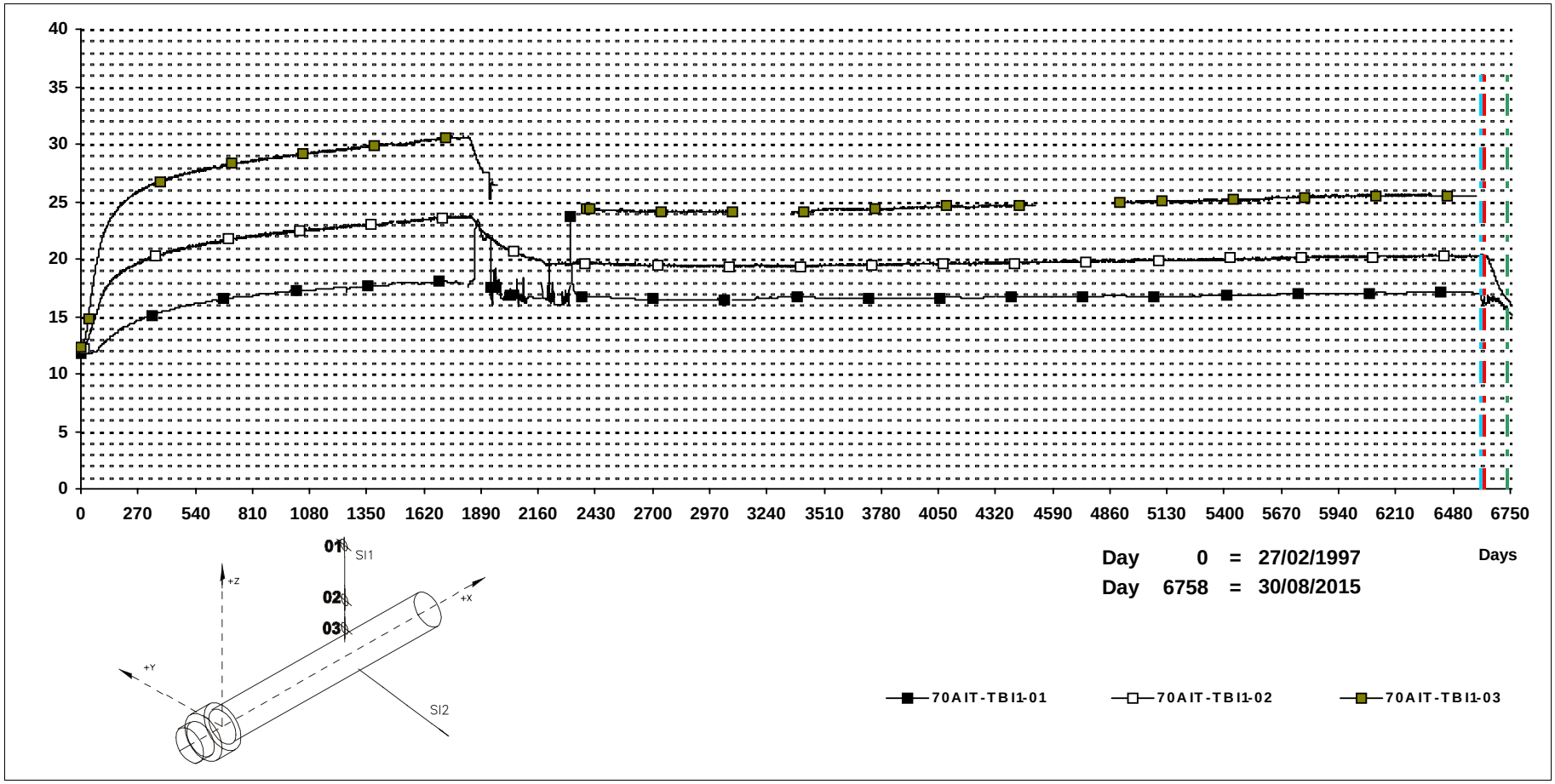
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SI1

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



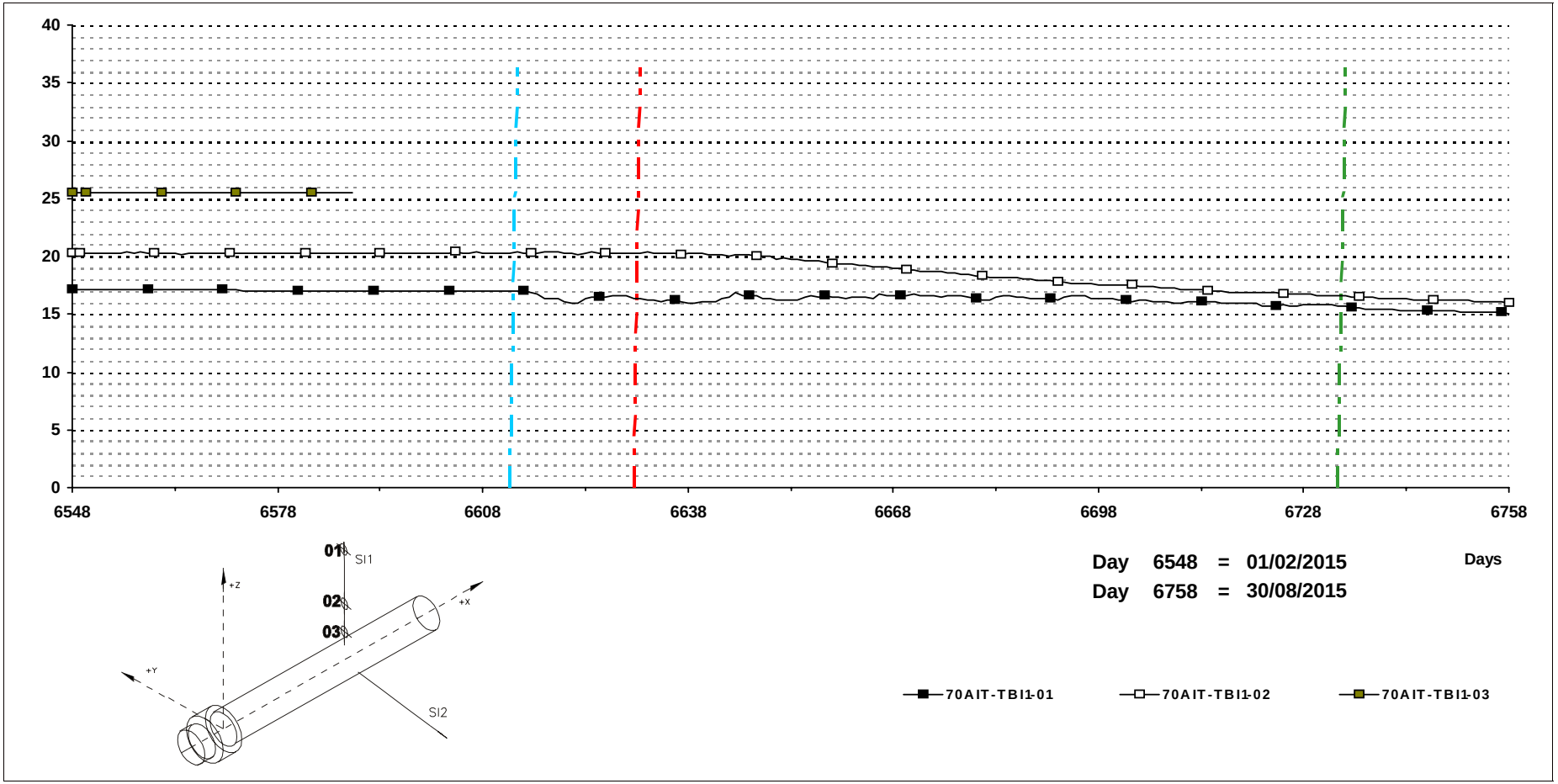
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBI1-01: Data from day 1794 (26/01/2002) to 1828 (01/03/2002) are not reliable.
70AIT-TBI1-03: Data from day 1967 (18/07/2002) to 2384 (08/09/2003) are not reliable. Data from day 3091 (15/08/2005) to 3357 (08/05/2006) are not reliable. Data from day 4508 (02/07/2009) to 4903 (01/08/2010) are not reliable.

SECTION Borehole SI1

SENSOR TYPE: Temperature (thermocouple).

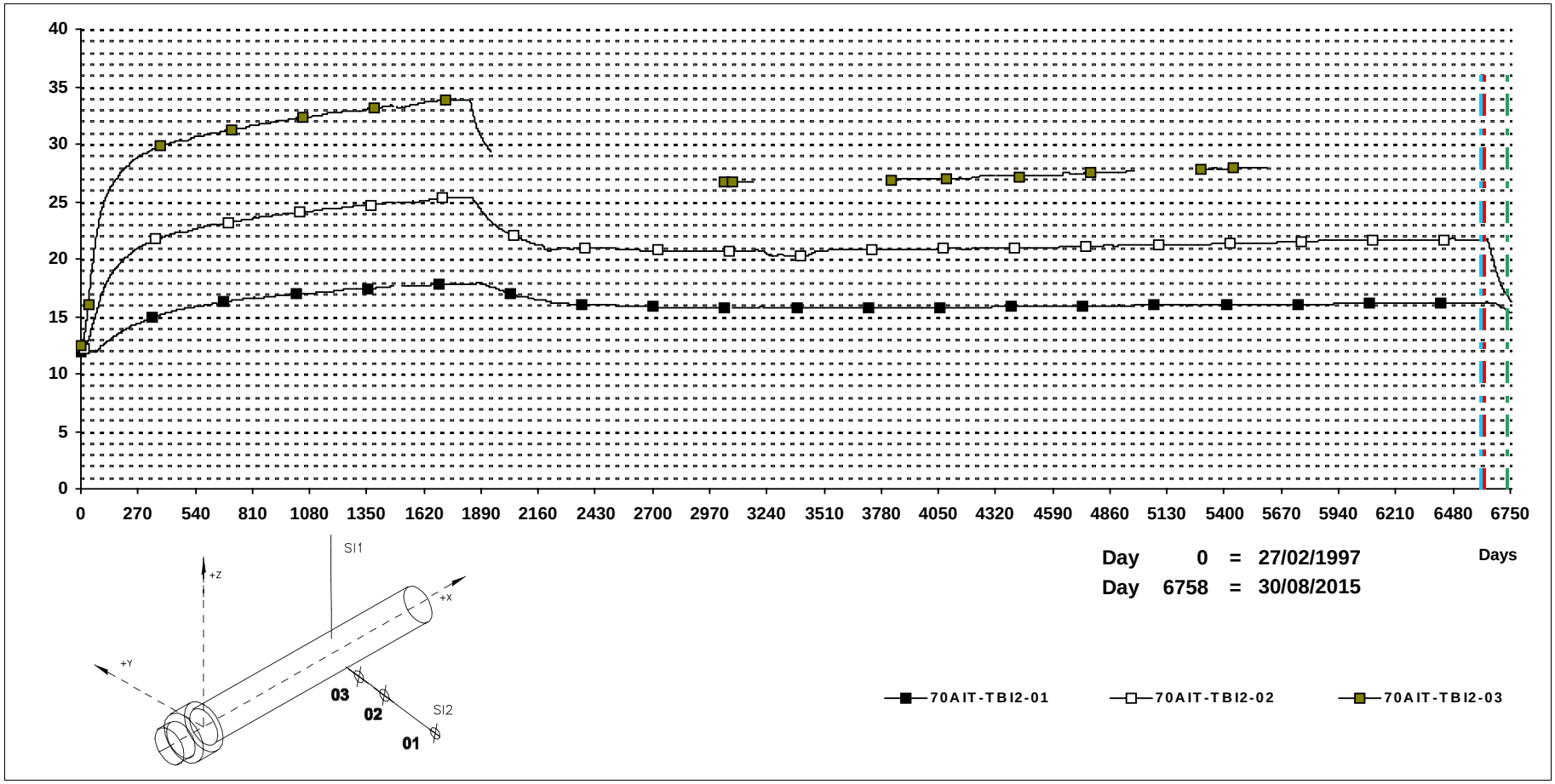
UNITS: ºC



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBI1-01: Data from day 1794 (26/01/2002) to 1828 (01/03/2002) are not reliable.
70AIT-TBI1-03: Data from day 1967 (18/07/2002) to 2384 (08/09/2003) are not reliable. Data from day 3091 (15/08/2005) to 3357 (08/05/2006) are not reliable. Data from day 4508 (02/07/2009) to 4903 (01/08/2010) are not reliable.

SECTION Borehole SI2 ***SENSOR TYPE: Temperature (thermocouple).*** ***UNITS: ºC***

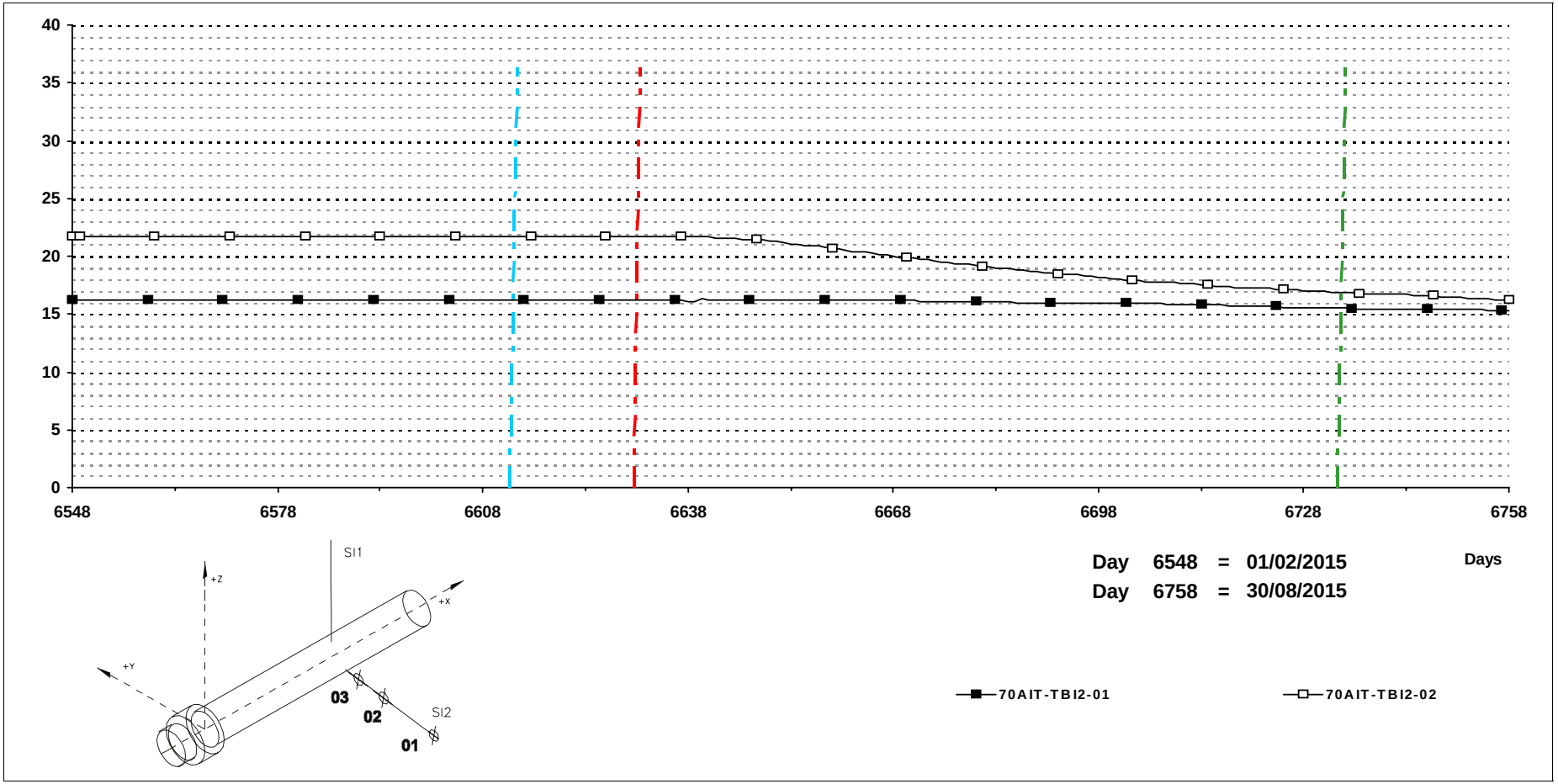


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBI2-03: Data from day 1938 (19/06/2002) to 3038 (23/06/2005) are not reliable. Data from day 3180 (12/11/2005) to 3825 (19/08/2007) are not reliable. Data from day 4978 (15/10/2010) to 5291 (24/08/2011) are not reliable. Data from day 5604 (02/07/2012) are not reliable.

SECTION Borehole SI2

SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***



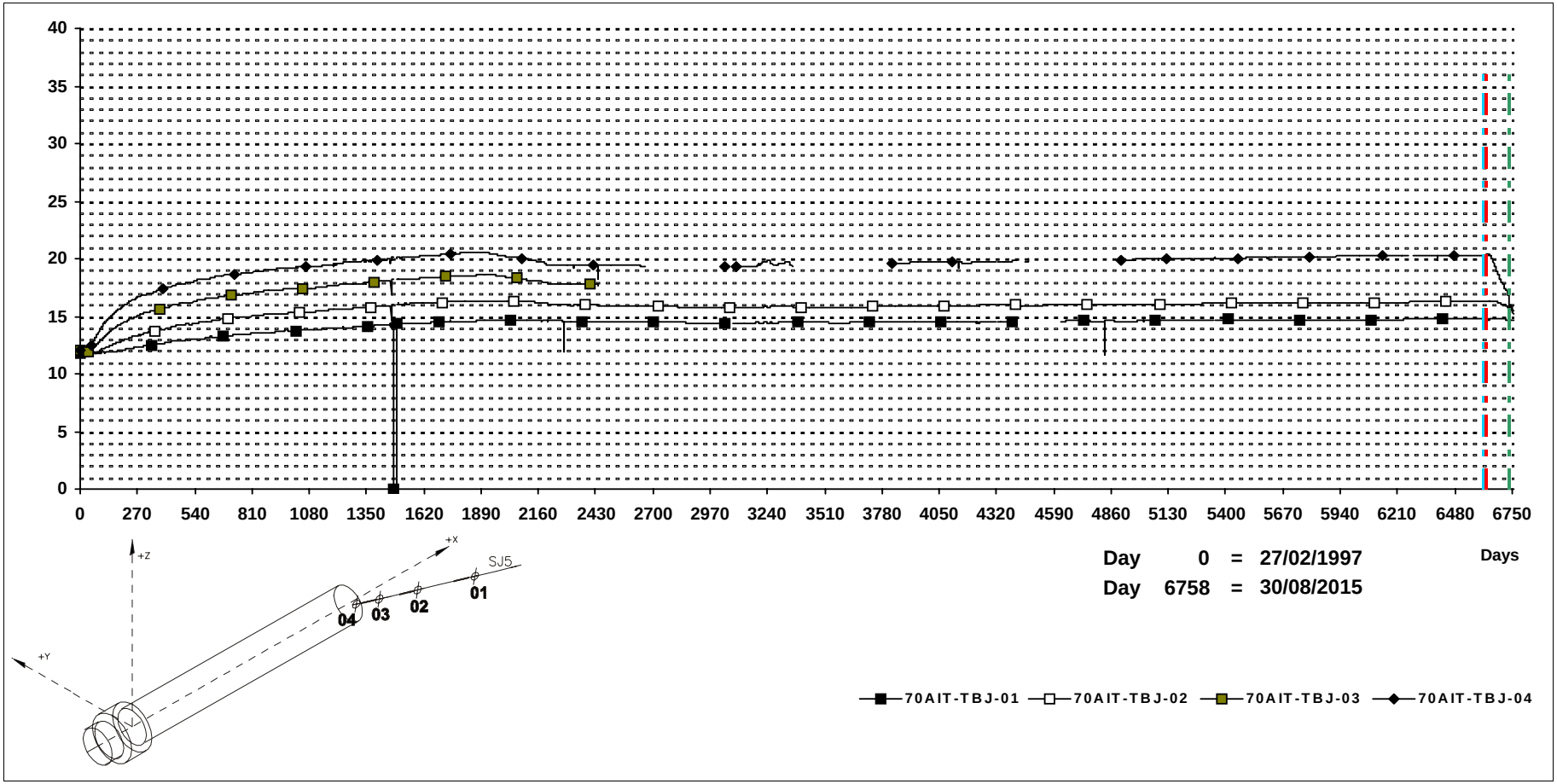
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBI2-03: Data from day 1938 (19/06/2002) to 3038 (23/06/2005) are not reliable. Data from day 3180 (12/11/2005) to 3825 (19/08/2007) are not reliable. Data from day 4978 (15/10/2010) to 5291 (24/08/2011) are not reliable. Data from day 5604 (02/07/2012) are not reliable.

SECTION Borehole SJ5

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC



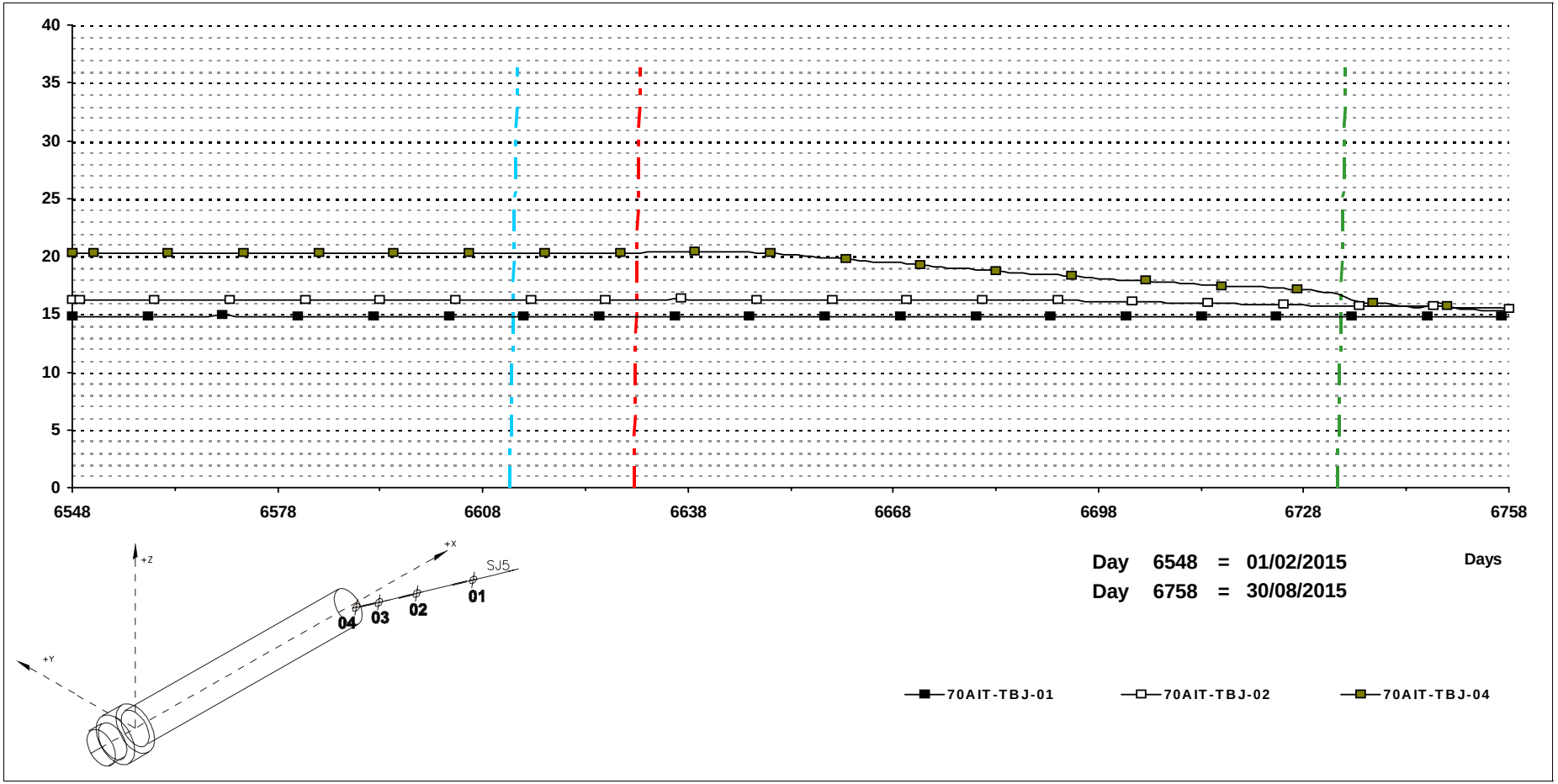
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBJ-01: Data from day 4417 (02/04/2009) to 4619 (21/10/2009) are not reliable.
70AIT-TBJ-03: Out of order from day 2444 (07/11/2003).
70AIT-TBJ-04: Data from day 2667 (17/06/2004) to 3038 (23/06/2005) are not reliable. Data from day 3358 (09/05/2006) to 3825 (19/08/2007) are not reliable. Data from day 4470 (25/05/2009) to 4903 (01/08/2010) are not reliable. Data from day 6265 (24/04/2014) are not reliable.

SECTION Borehole SJ5

SENSOR TYPE: Temperature (thermocouple).

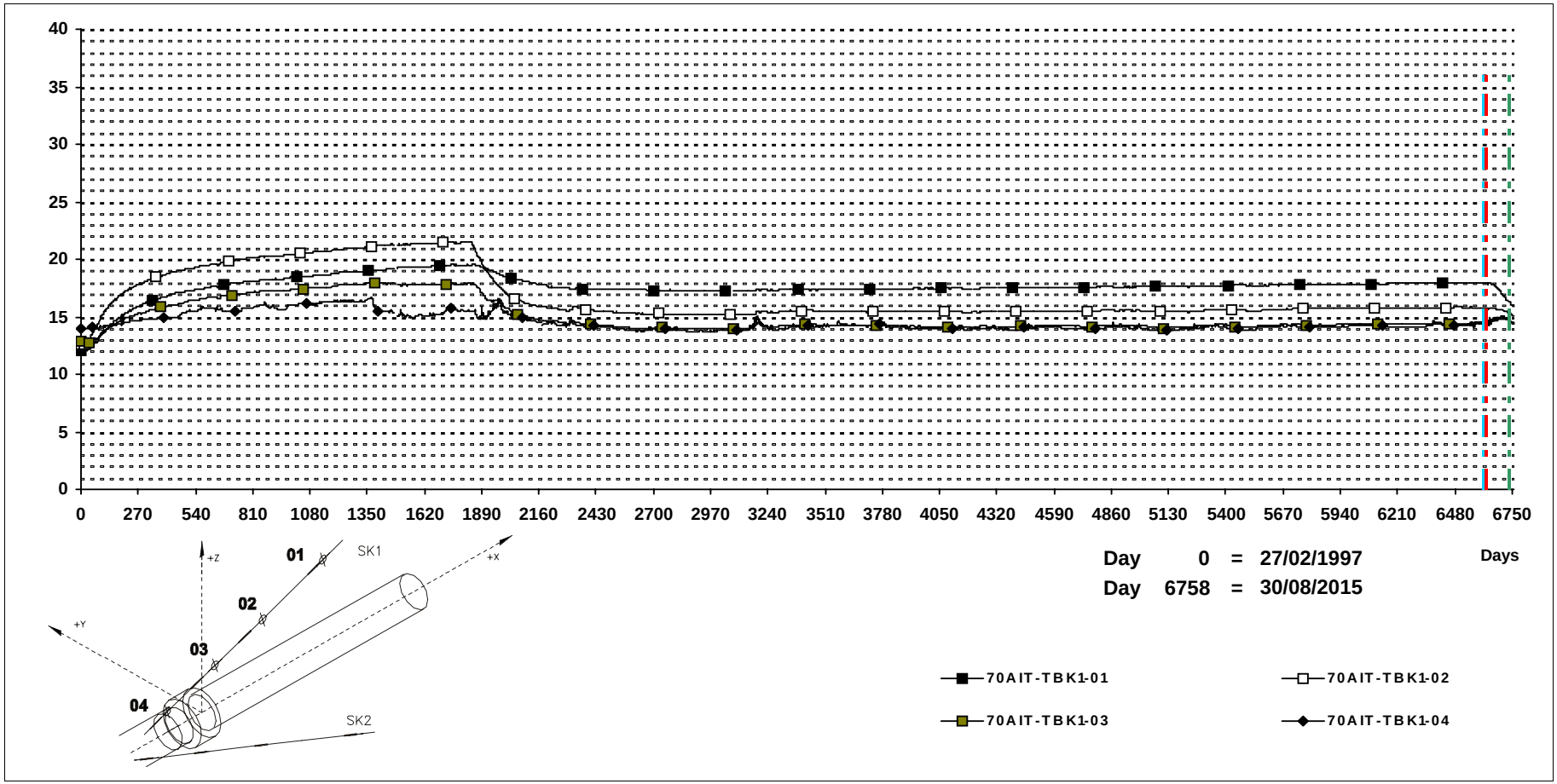
UNITS: ºC



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBJ-01: Data from day 4417 (02/04/2009) to 4619 (21/10/2009) are not reliable.
70AIT-TBJ-03: Out of order from day 2444 (07/11/2003).
70AIT-TBJ-04: Data from day 2667 (17/06/2004) to 3038 (23/06/2005) are not reliable. Data from day 3358 (09/05/2006) to 3825 (19/08/2007) are not reliable. Data from day 4470 (25/05/2009) to 4903 (01/08/2010) are not reliable. Data from day 6265 (24/04/2014) are not reliable.

SECTION Borehole SK1 ***SENSOR TYPE: Temperature (thermocouple).*** ***UNITS: ºC***

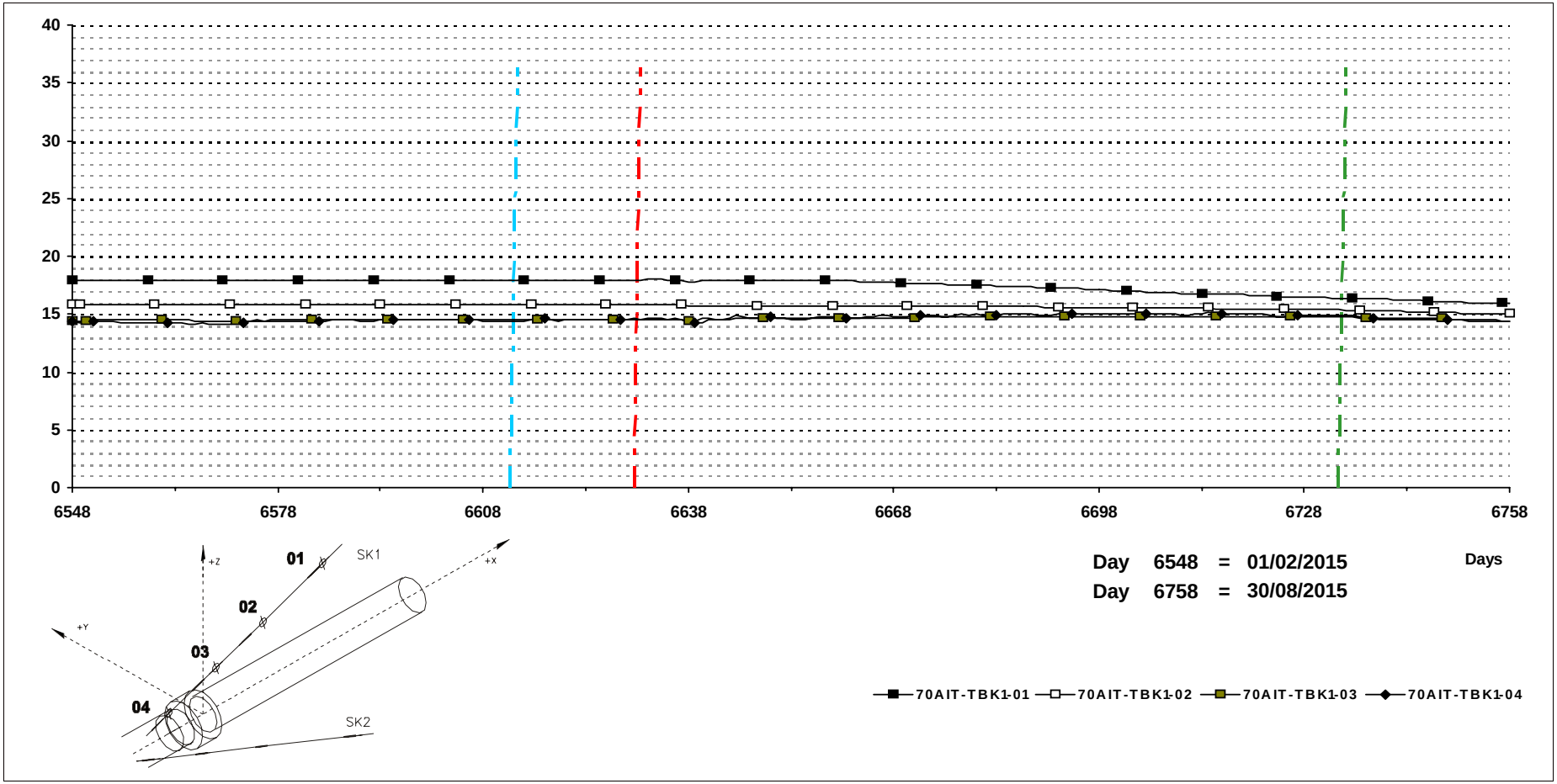


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SK1

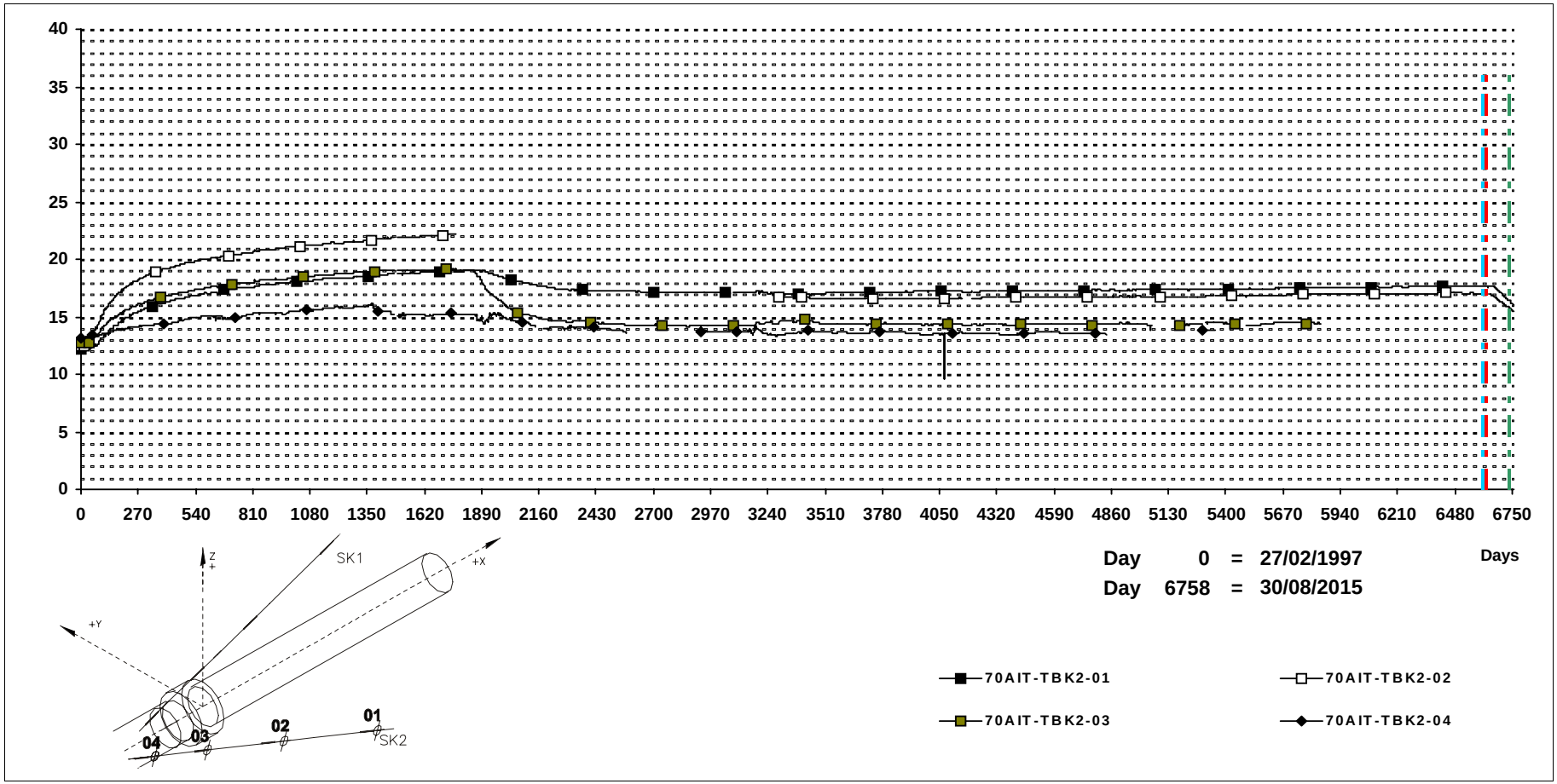
SENSOR TYPE: Temperature (thermocouple). ***UNITS: ºC***



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SK2 ***SENSOR TYPE: Temperature (thermocouple).*** ***UNITS: ºC***



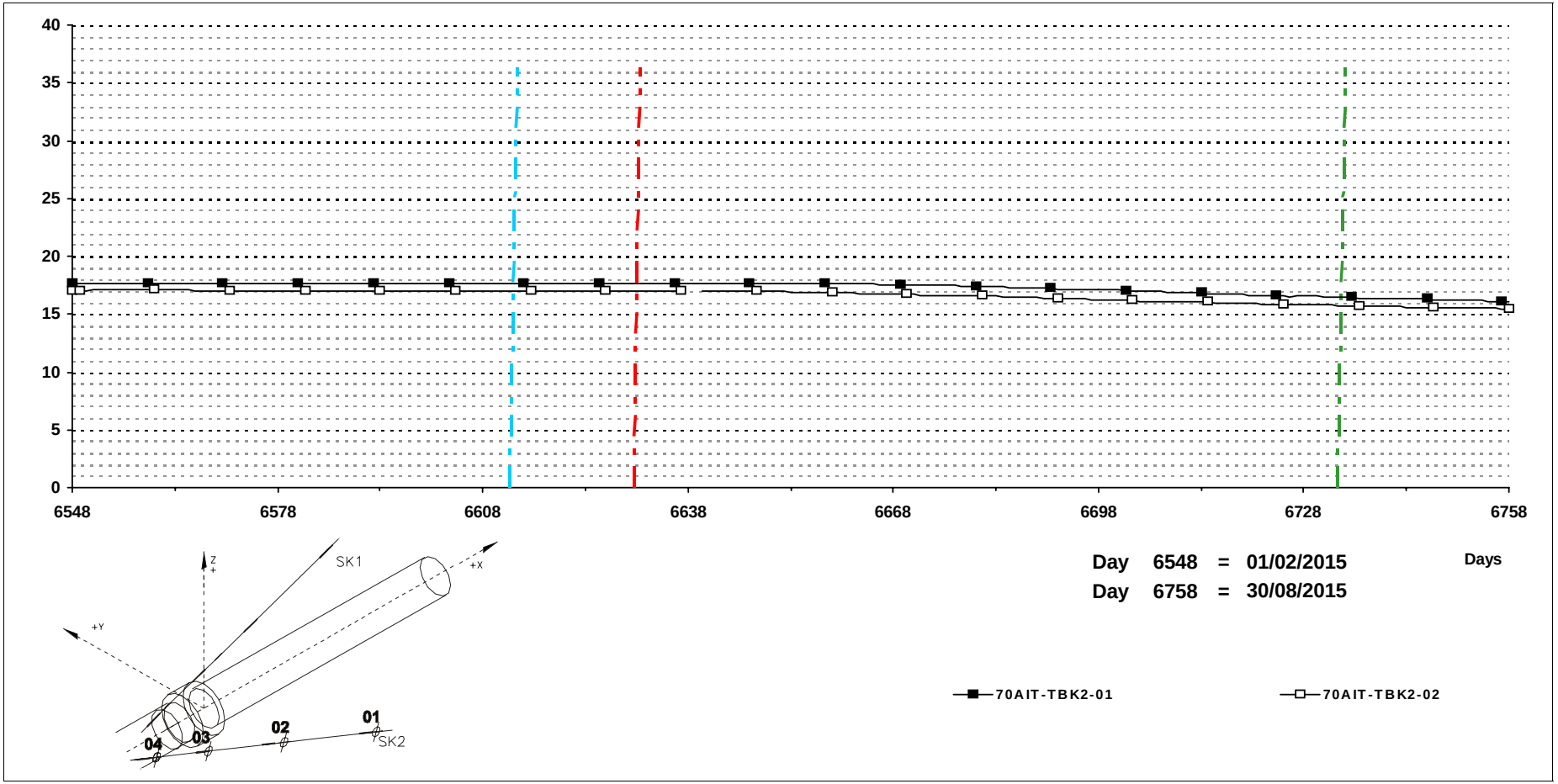
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBK2-02: Data from day 1769 (01/01/2002) to 3288 (28/02/2006) are not reliable.
70AIT-TBK2-03: Data from day 5051 (27/12/2010) to 5180 (05/05/2011) are not reliable. Data from day 5286 (19/08/2011) to 5304 (06/09/2011) are not reliable. Data from day 5454 (03/02/2012) to 5494 (14/03/2012) are not reliable. Data from day 5845 (28/02/2013) are not reliable.
70AIT-TBK2-04: Data from day 2570 (12/03/2004) to 2922 (27/02/2005) are not reliable. Data from day 4837 (27/05/2010) to 5291 (24/08/2011) are not reliable. Data from day 5350 (22/10/2011) are not reliable.

SECTION Borehole SK2

SENSOR TYPE: Temperature (thermocouple).

UNITS: ºC

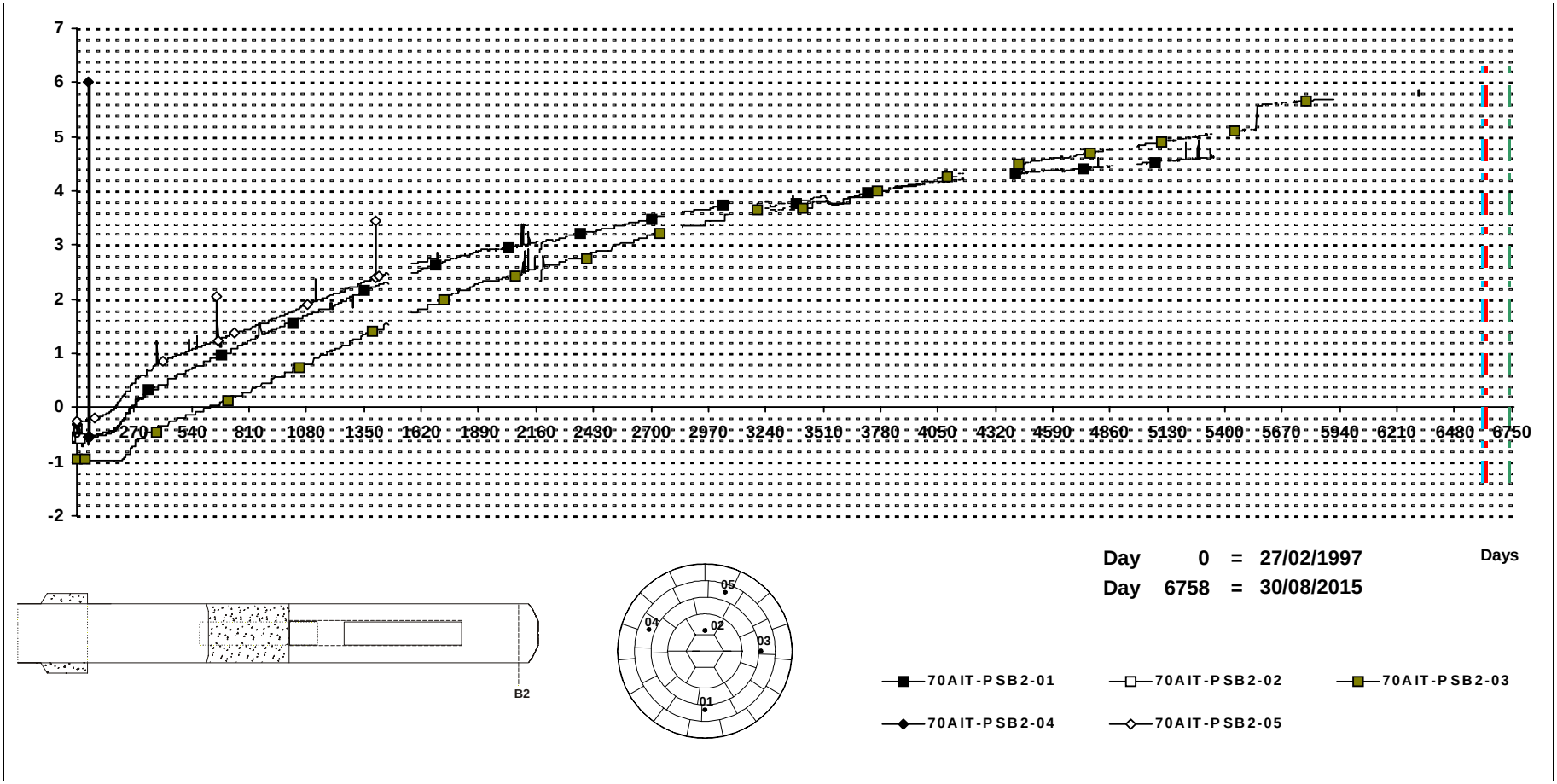


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-TBK2-02: Data from day 1769 (01/01/2002) to 3288 (28/02/2006) are not reliable.
70AIT-TBK2-03: Data from day 5051 (27/12/2010) to 5180 (05/05/2011) are not reliable. Data from day 5286 (19/08/2011) to 5304 (06/09/2011) are not reliable. Data from day 5454 (03/02/2012) to 5494 (14/03/2012) are not reliable. Data from day 5845 (28/02/2013) are not reliable.
70AIT-TBK2-04: Data from day 2570 (12/03/2004) to 2922 (27/02/2005) are not reliable. Data from day 4837 (27/05/2010) to 5291 (24/08/2011) are not reliable. Data from day 5350 (22/10/2011) are not reliable.

SECTION B2

SENSOR TYPE: Total pressure. ***UNITS: MPa***

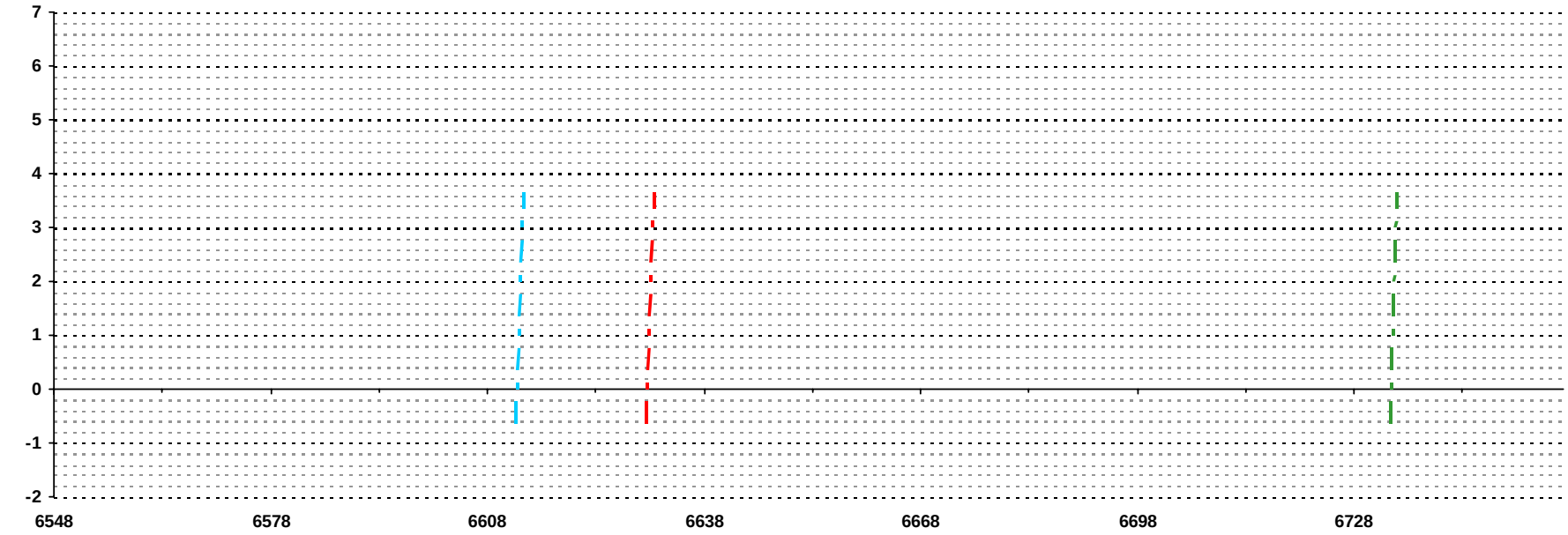


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the UPS from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 2769 (27/09/04) to 2845 (12/12/04). No data because of failure in the Data Acquisition Unit from day 4210 (07/09/08) to 4415 (31/03/09). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PSB2-01: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 5398 (09/12/2011) are not reliable.
70AIT-PSB2-02: Out of order from day 329 (22/01/1998).
70AIT-PSB2-03: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable.
70AIT-PSB2-04: Out of order from day 63 (01/05/1997).
70AIT-PSB2-05: Data from day 62 (30/04/1997) to 84 (22/05/1997) are not reliable. Out of order from day 1698 (22/10/2001).

SECTION B2

SENSOR TYPE: Total pressure. ***UNITS: MPa***

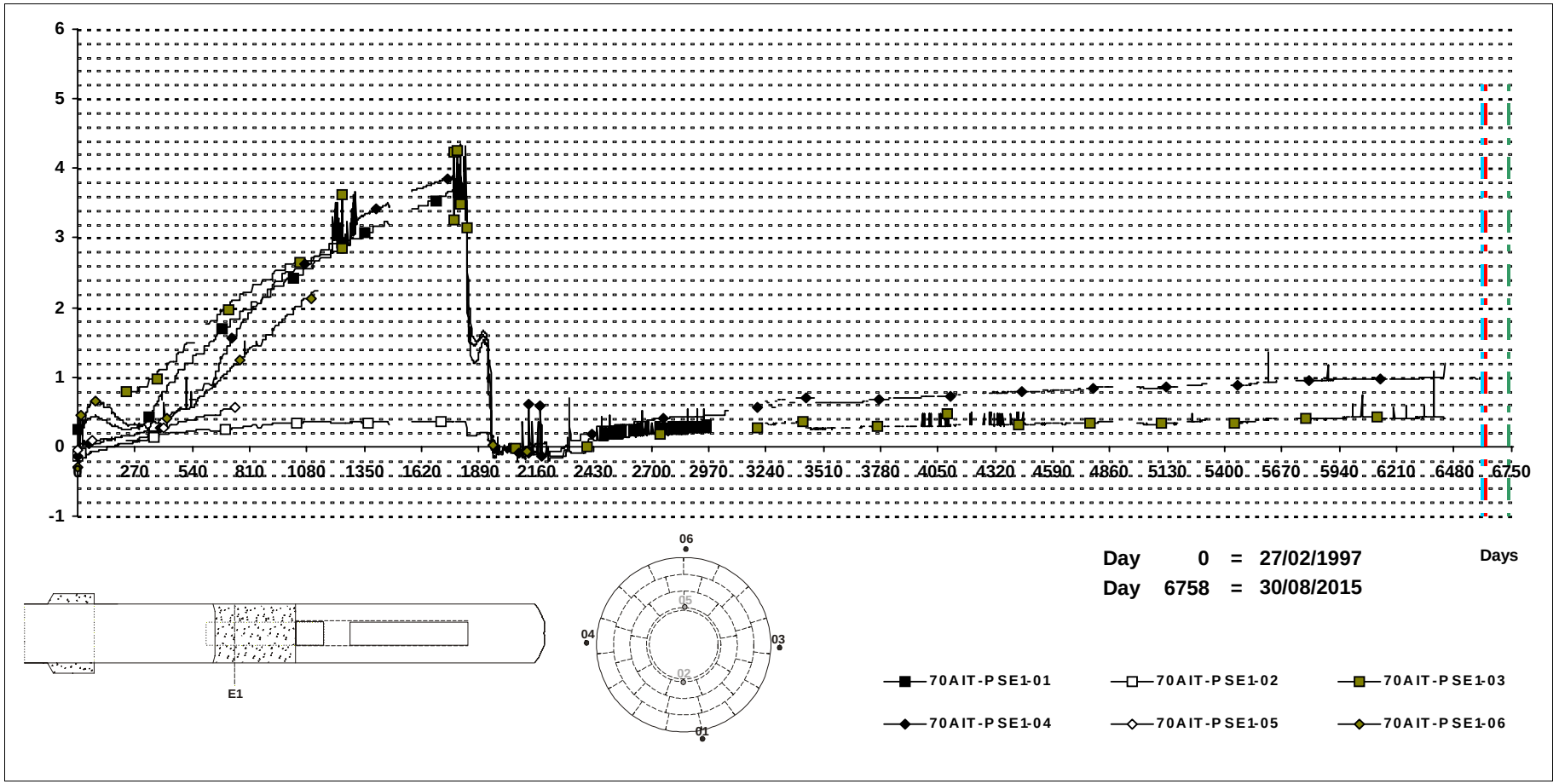


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the UPS from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 2769 (27/09/04) to 2845 (12/12/04). No data because of failure in the Data Acquisition Unit from day 4210 (07/09/08) to 4415 (31/03/09). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PSB2-01: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 5398 (09/12/2011) are not reliable.
70AIT-PSB2-02: Out of order from day 329 (22/01/1998).
70AIT-PSB2-03: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable.
70AIT-PSB2-04: Out of order from day 63 (01/05/1997).
70AIT-PSB2-05: Data from day 62 (30/04/1997) to 84 (22/05/1997) are not reliable. Out of order from day 1698 (22/10/2001).

SECTION E1

SENSOR TYPE: Total pressure. ***UNITS: MPa***

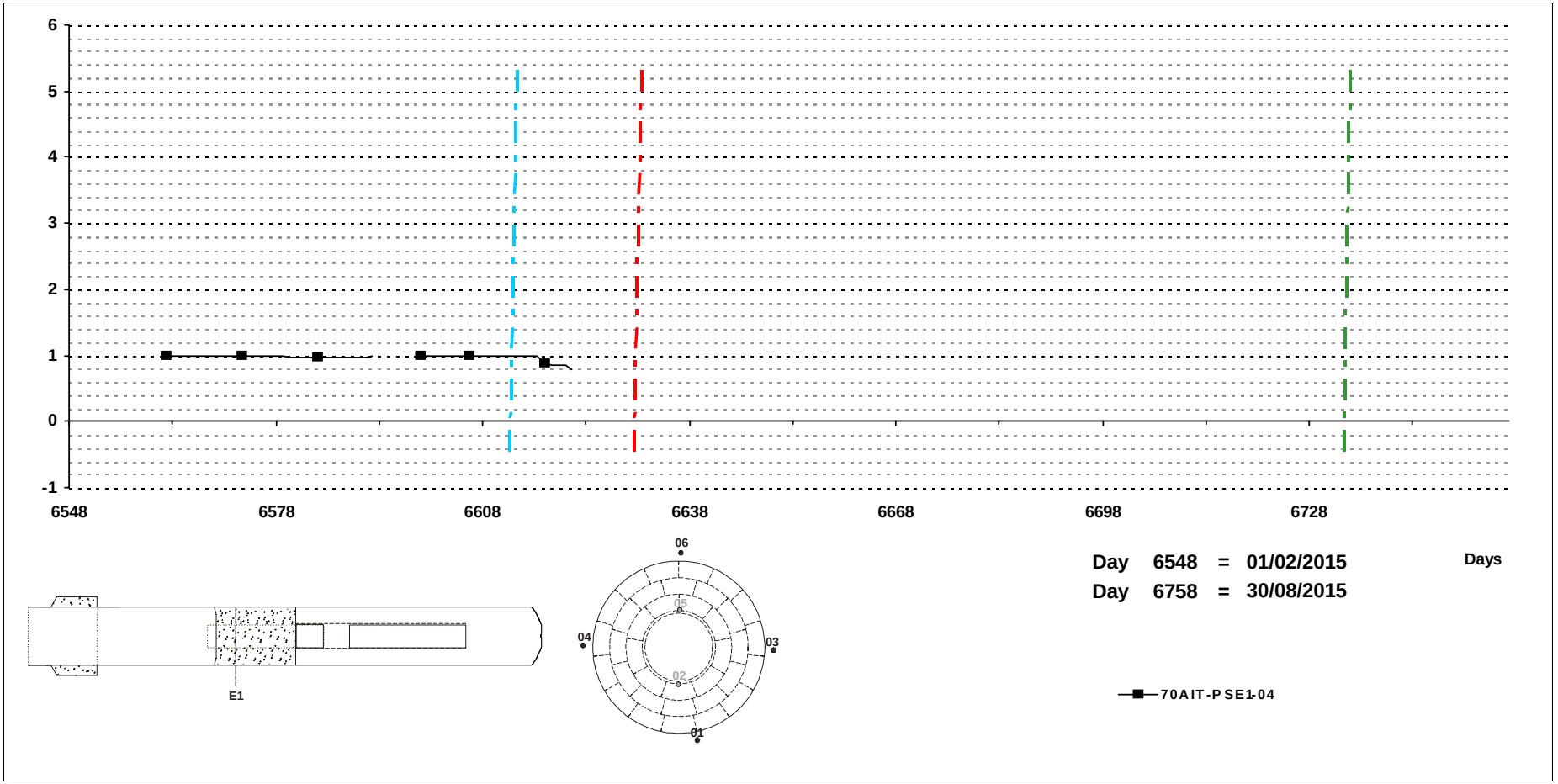


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Sensors 70-AIT-PSE1-02 & 05 disconnected on day 1945 (26/06/02) due to the dismantling of Section E1. No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PSE1-01: Out of order from day 1958 (09/07/2002).
70AIT-PSE1-03: Data from day 2981 (27/04/2005) to 3062 (17/07/2005) are not reliable.
70AIT-PSE1-04: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable.
70AIT-PSE1-05: Out of order from day 755 (24/03/1999).
70AIT-PSE1-06: Out of order from day 2304 (20/06/2003).

SECTION E1

SENSOR TYPE: Total pressure. ***UNITS: MPa***

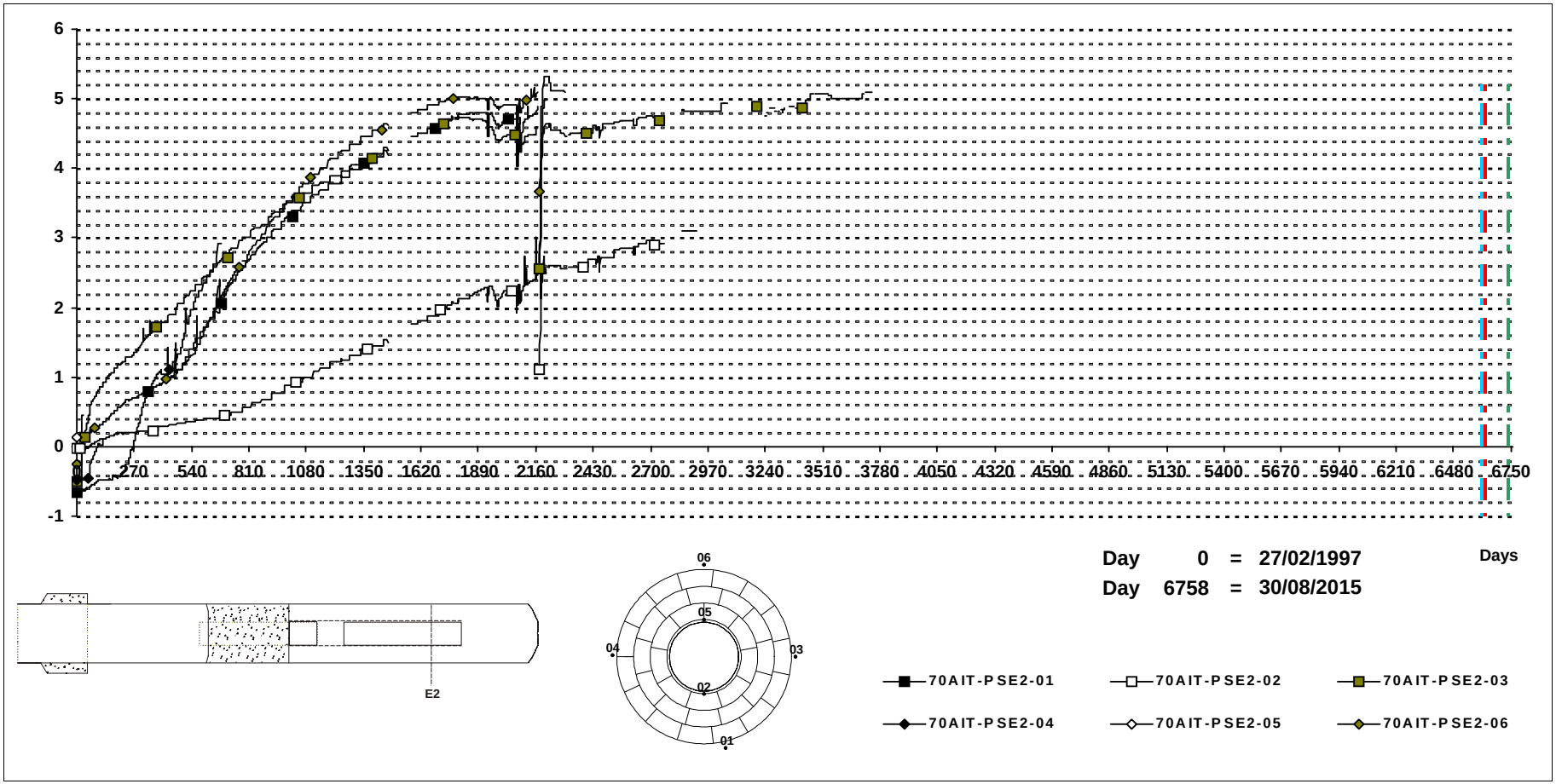


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Sensors 70-AIT-PSE1-02 & 05 disconnected on day 1945 (26/06/02) due to the dismantling of Section E1. No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PSE1-01: Out of order from day 1958 (09/07/2002).
70AIT-PSE1-03: Data from day 2981 (27/04/2005) to 3062 (17/07/2005) are not reliable.
70AIT-PSE1-04: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable.
70AIT-PSE1-05: Out of order from day 755 (24/03/1999).
70AIT-PSE1-06: Out of order from day 2304 (20/06/2003).

SECTION E2

SENSOR TYPE: Total pressure. ***UNITS: MPa***

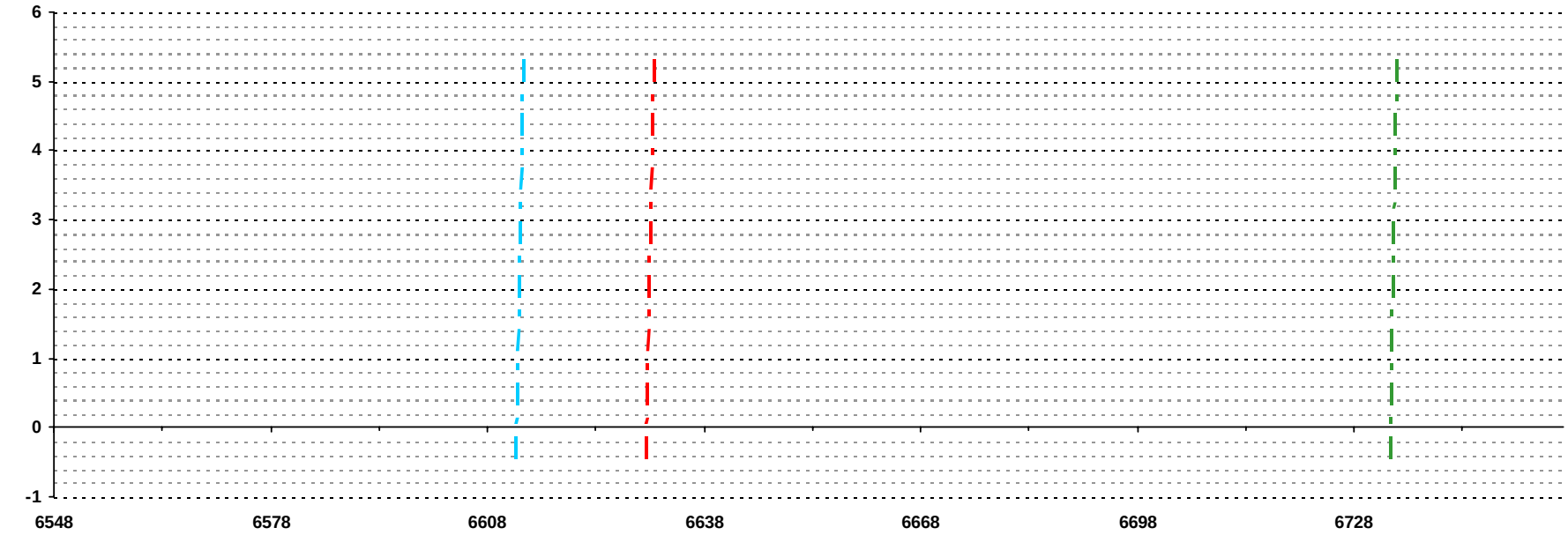


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

70AIT-PSE2-01: Out of order from day 2212 (20/03/2003).
70AIT-PSE2-02: Out of order from day 2919 (24/02/2005).
70AIT-PSE2-03: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Out of order from day 3740 (26/05/2007).
70AIT-PSE2-04: Out of order from day 679 (07/01/1999).
70AIT-PSE2-05: Out of order from day 28 (27/03/1997).
70AIT-PSE2-06: Out of order from day 2301 (17/06/2003).

SECTION E2

SENSOR TYPE: Total pressure. ***UNITS: MPa***



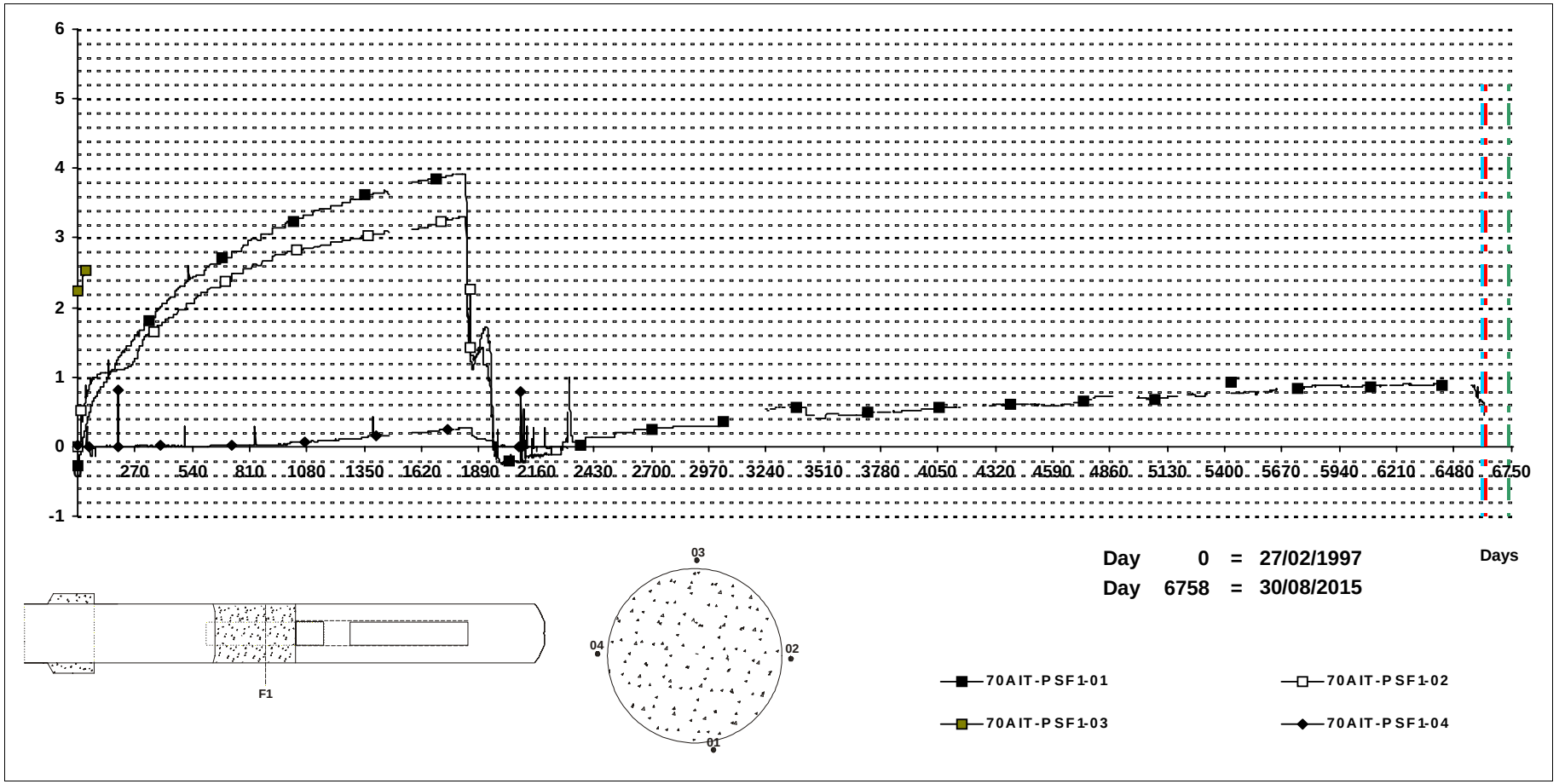
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

70AIT-PSE2-01: Out of order from day 2212 (20/03/2003).
70AIT-PSE2-02: Out of order from day 2919 (24/02/2005).
70AIT-PSE2-03: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Out of order from day 3740 (26/05/2007).
70AIT-PSE2-04: Out of order from day 679 (07/01/1999).
70AIT-PSE2-05: Out of order from day 28 (27/03/1997).
70AIT-PSE2-06: Out of order from day 2301 (17/06/2003).

SECTION F1

SENSOR TYPE: Total pressure.

UNITS: MPa

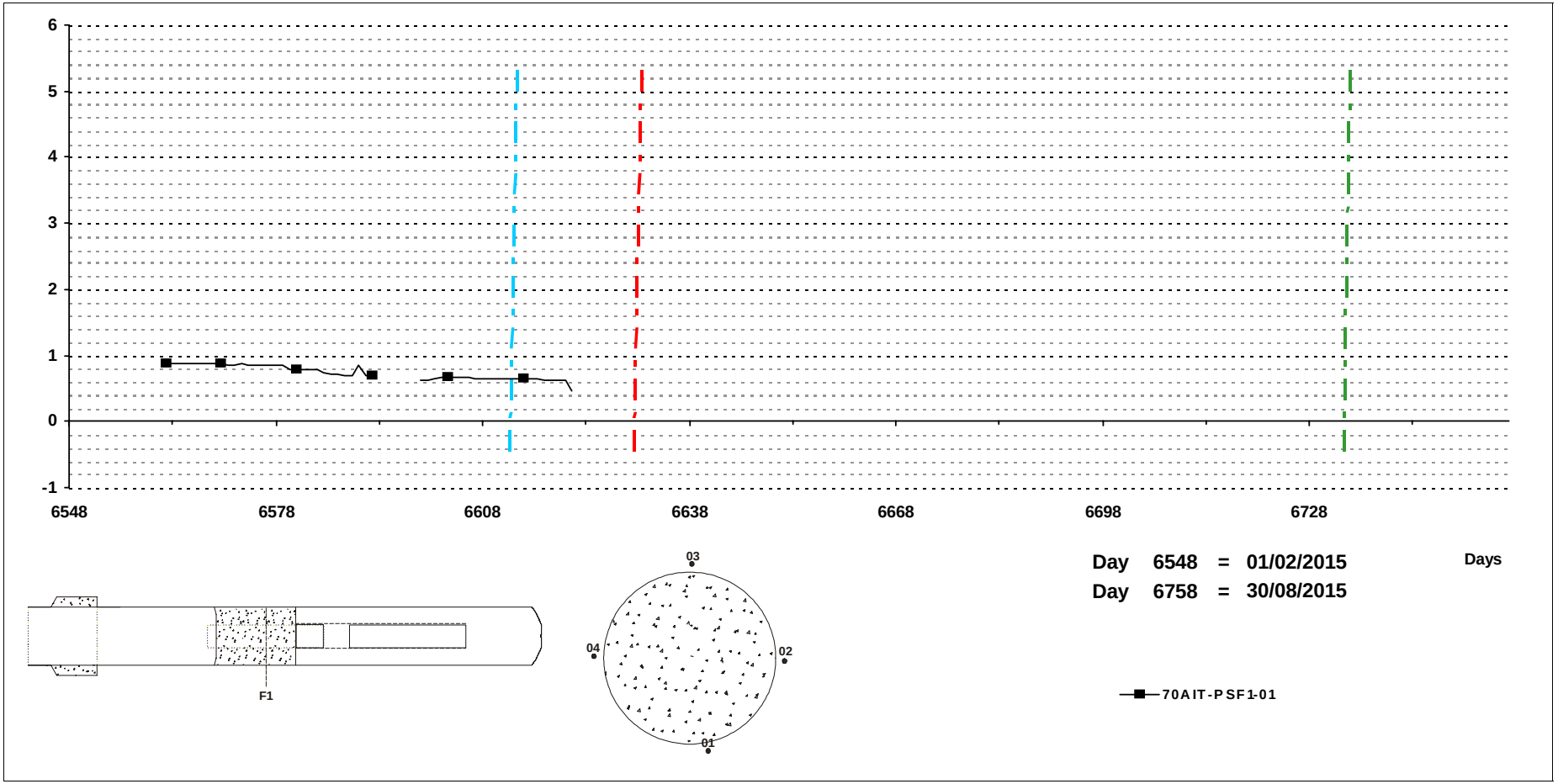


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PSF1-01: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable.
70AIT-PSF1-02: Out of order from day 1974 (25/07/2002).
70AIT-PSF1-03: Out of order from day 53 (21/04/1997).
70AIT-PSF1-04: Out of order from day 2304 (20/06/2003).

SECTION F1

SENSOR TYPE: Total pressure. ***UNITS: MPa***

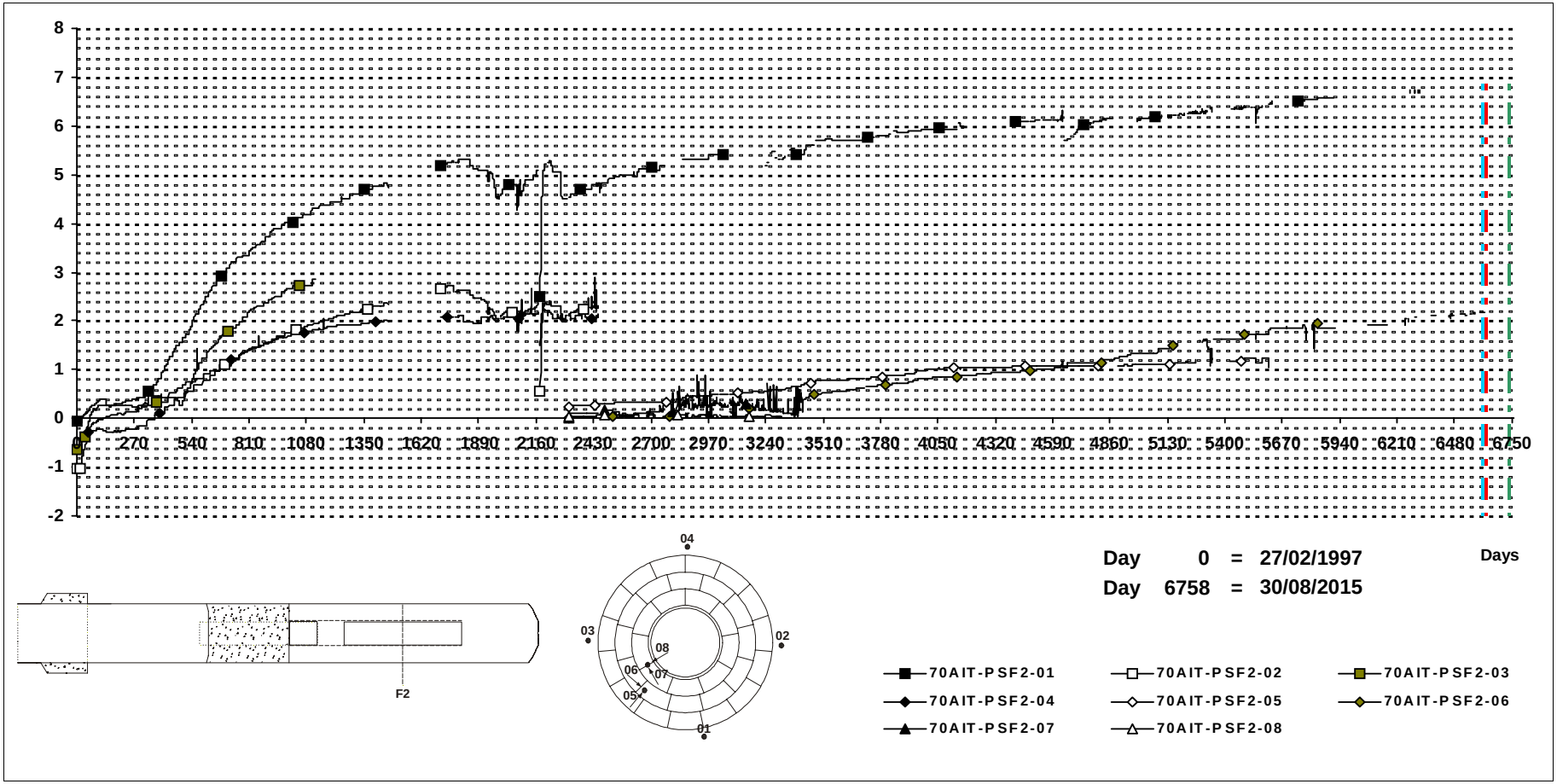


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PSF1-01: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable.
70AIT-PSF1-02: Out of order from day 1974 (25/07/2002).
70AIT-PSF1-03: Out of order from day 53 (21/04/1997).
70AIT-PSF1-04: Out of order from day 2304 (20/06/2003).

SECTION F2

SENSOR TYPE: Total pressure. ***UNITS: MPa***

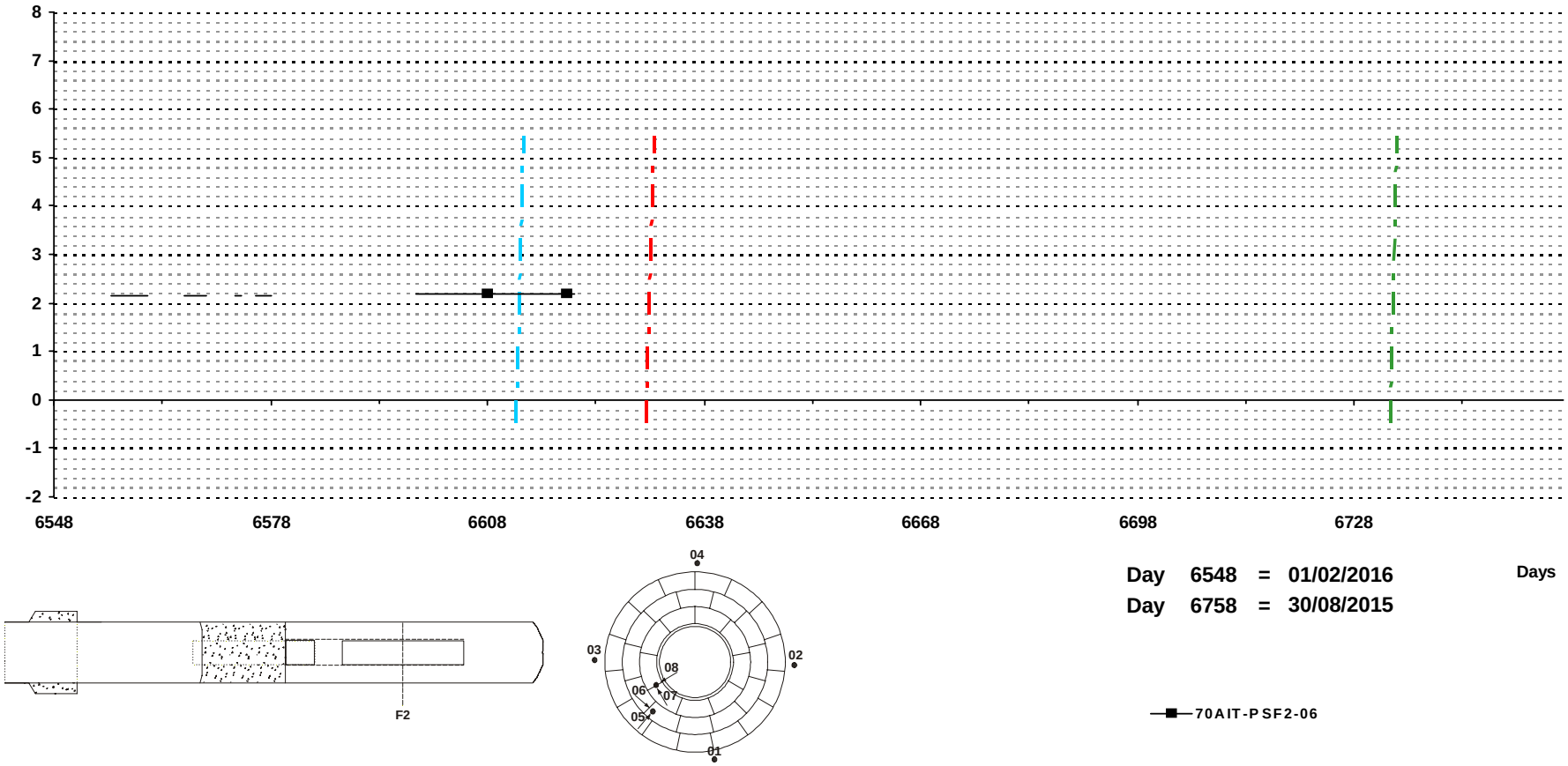


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

70AIT-PSF2-01: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable.
70AIT-PSF2-02: Out of order from day 2455 (18/11/2003).
70AIT-PSF2-03: Out of order from day 1120 (23/03/2000).
70AIT-PSF2-04: Data from day 2455 (18/11/2003) to 2476 (09/12/2003) are not reliable. Out of order from day 2477 (10/12/2003).
70AIT-PSF2-05 & 70AIT-PSF2-06: Signal connected on day 2311 (27/06/2003).
70AIT-PSF2-07: Signal connected on day 2311 (27/06/2003). Out of order from day 3405 (25/06/2006).
70AIT-PSF2-08: Signal connected on day 2311 (27/06/2003). Out of order from day 3360 (11/05/2006).

SECTION F2

SENSOR TYPE: Total pressure. ***UNITS: MPa***

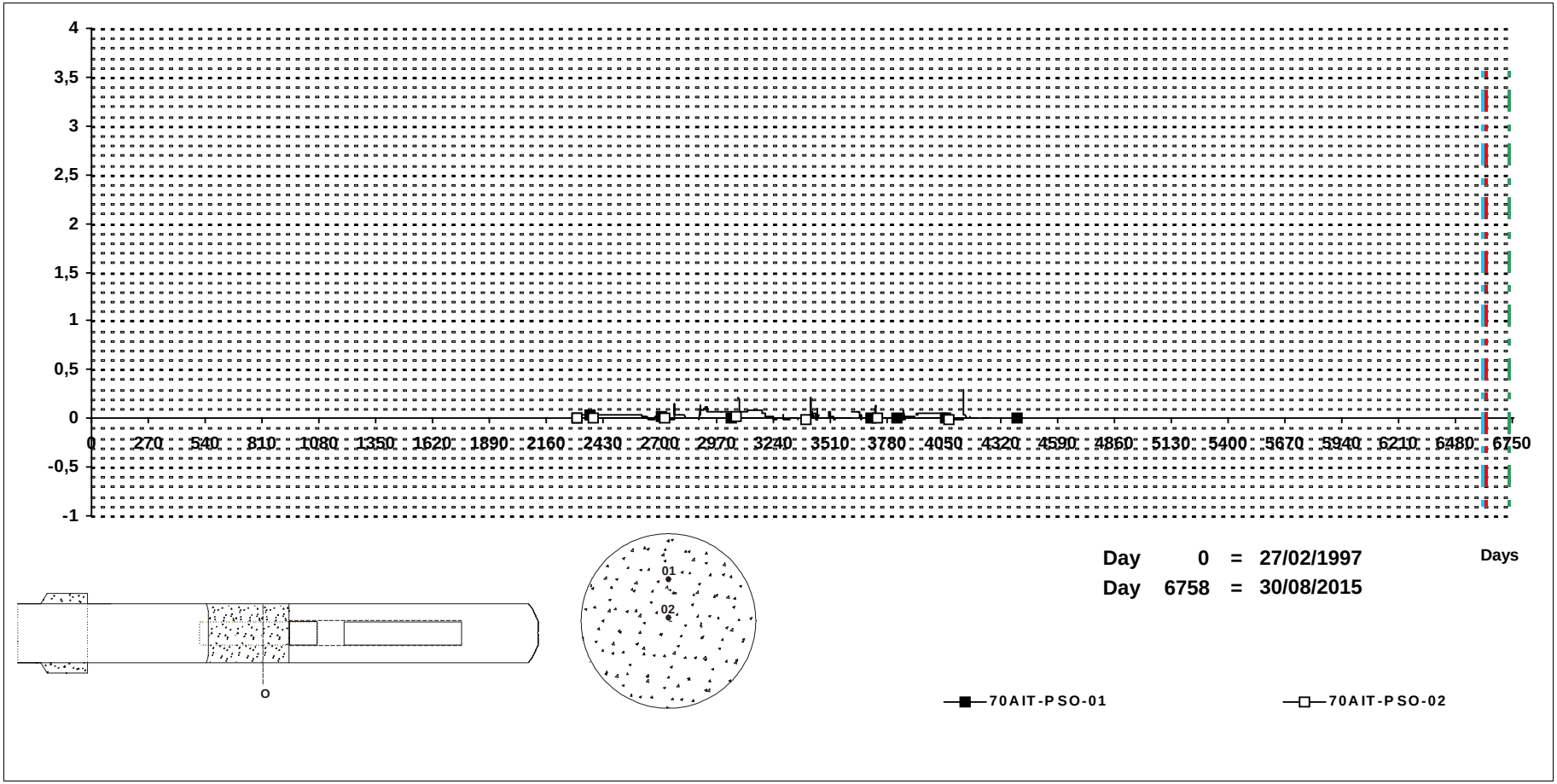


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

70AIT-PSF2-01: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable.
70AIT-PSF2-02: Out of order from day 2455 (18/11/2003).
70AIT-PSF2-03: Out of order from day 1120 (23/03/2000).
70AIT-PSF2-04: Data from day 2455 (18/11/2003) to 2476 (09/12/2003) are not reliable. Out of order from day 2477 (10/12/2003).
70AIT-PSF2-05 & 70AIT-PSF2-06: Signal connected on day 2311 (27/06/2003).
70AIT-PSF2-07: Signal connected on day 2311 (27/06/2003). Out of order from day 3405 (25/06/2006).
70AIT-PSF2-08: Signal connected on day 2311 (27/06/2003). Out of order from day 3360 (11/05/2006).

SECTION O

SENSOR TYPE: Total pressure. ***UNITS: MPa***

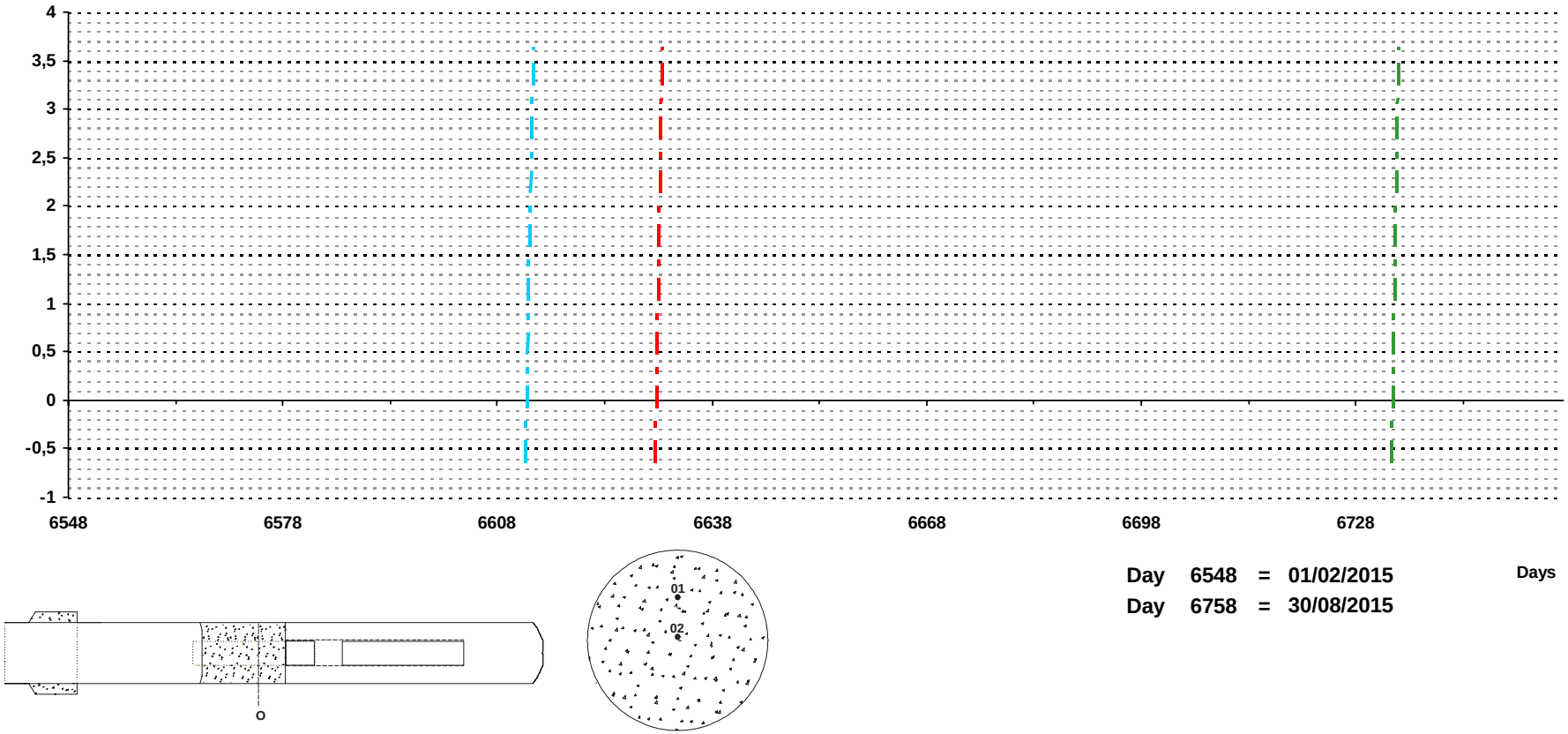


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 2311 (27/06/03).
70AIT-PSO-01: Out of order from day 4418 (03/04/2009).
70AIT-PSO-02: Out of order from day 4176 (04/08/2008).

SECTION O

SENSOR TYPE: Total pressure. ***UNITS: MPa***



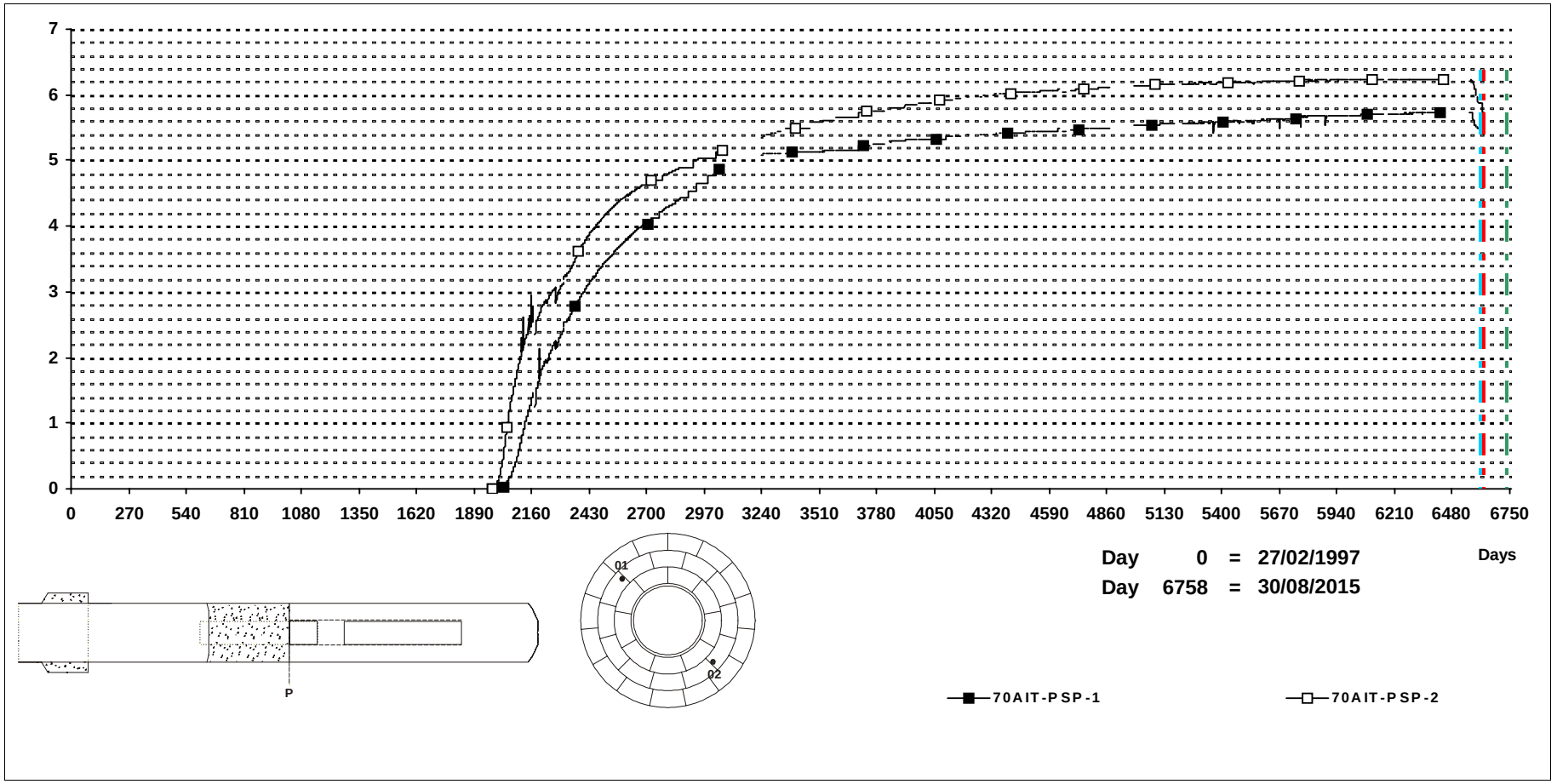
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 2311 (27/06/03).
70AIT-PSO-01: Out of order from day 4418 (03/04/2009).
70AIT-PSO-02: Out of order from day 4176 (04/08/2008).

SECTION P

SENSOR TYPE: Total pressure.

UNITS: MPa

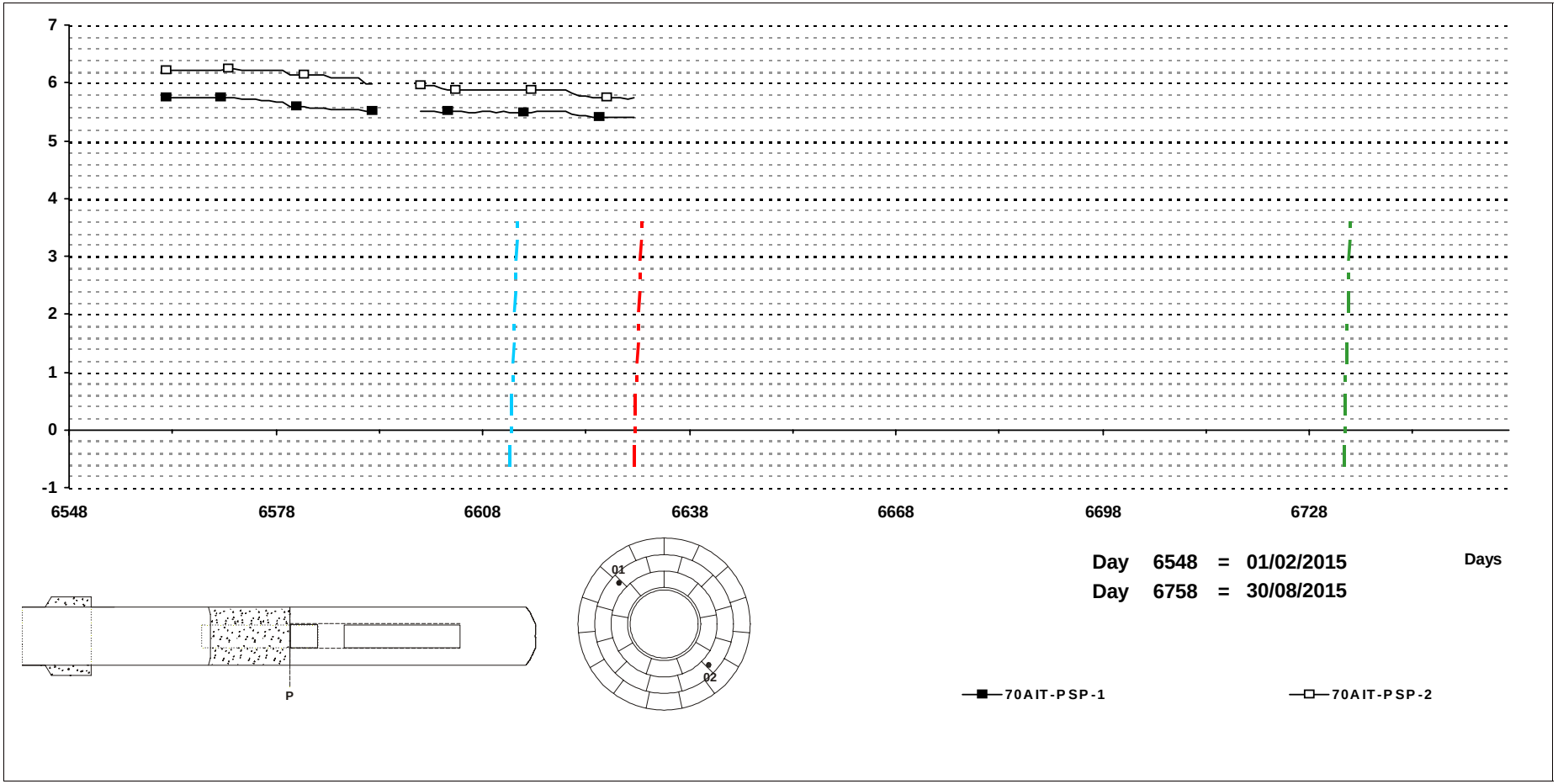


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 1976 (27/07/02). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05).
70AIT-PSP-1 & 70AIT-PSP-2: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3247 (18/01/2006) to 3248 (19/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3258 (29/01/2006) are not reliable. Data from day 3269 (09/02/2006) to 3269 (09/02/2006) are not reliable. Data from day 3285 (25/02/2006) to 3286 (26/02/2006) are not reliable.

SECTION P

SENSOR TYPE: Total pressure. ***UNITS: MPa***



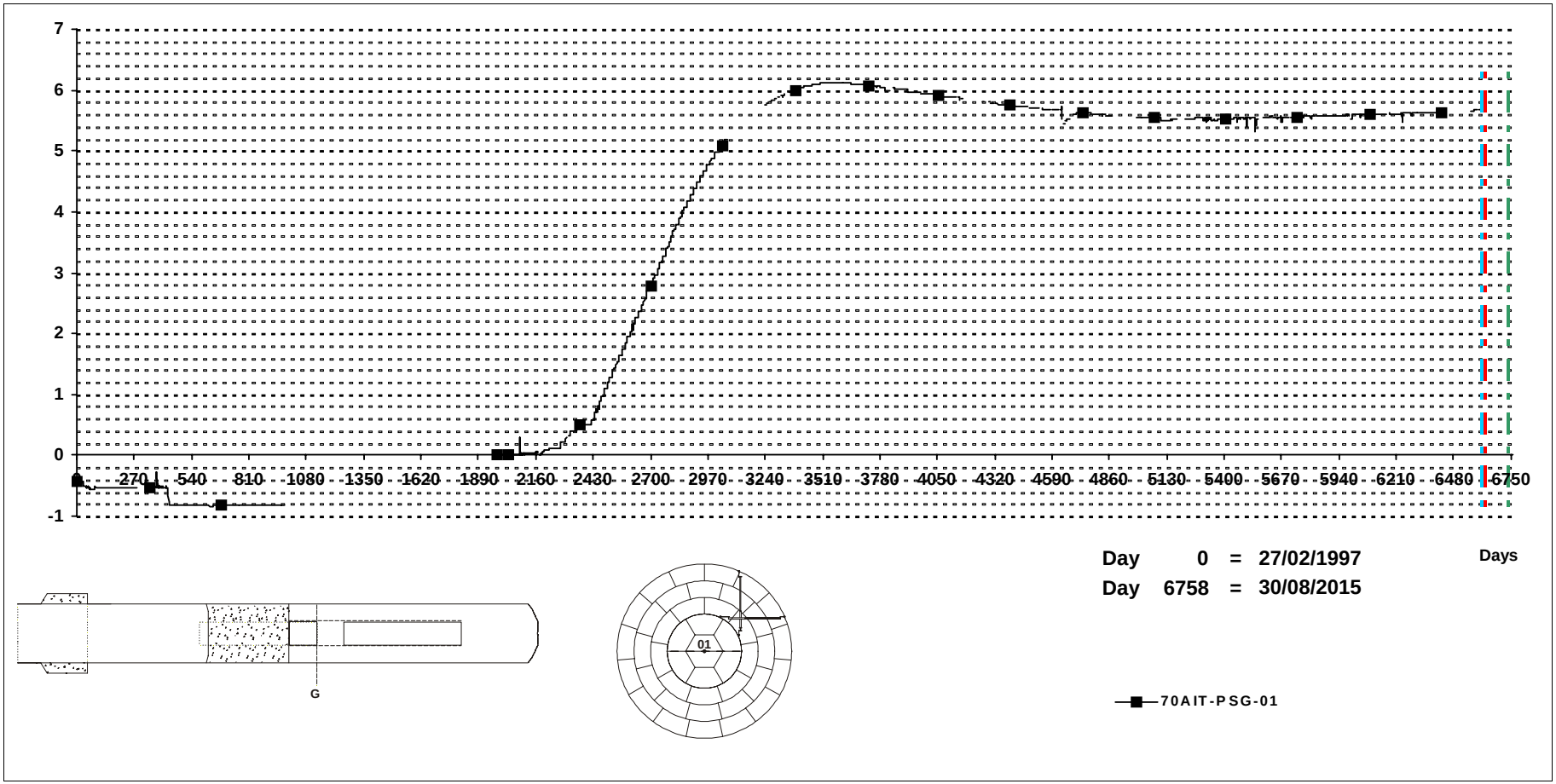
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 1976 (27/07/02). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05).
70AIT-PSP-1 & 70AIT-PSP-2: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3247 (18/01/2006) to 3248 (19/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3258 (29/01/2006) are not reliable. Data from day 3269 (09/02/2006) to 3269 (09/02/2006) are not reliable. Data from day 3285 (25/02/2006) to 3286 (26/02/2006) are not reliable.

SECTION G

SENSOR TYPE: Total pressure.

UNITS: MPa

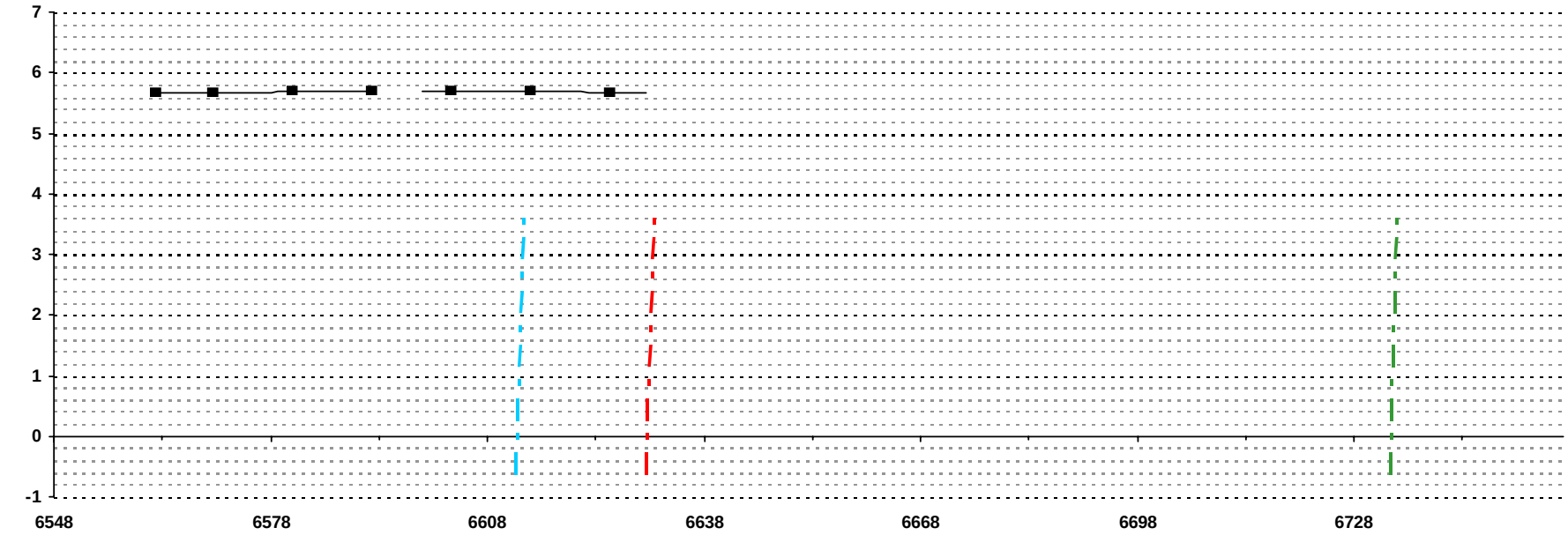


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05).
No data because of failure in teh Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PSG-01: No data from day 285 (09/12/1997) to 343 (05/02/1998). The signal change on day 432 (05/05/1998) was due to a change in the associated temperature used for the temperature correction. Out of order from day 979 (03/11/1999) to 1974 (25/07/2002). Sensor replaced by a new one on day 1975 (26/07/2002). Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3247 (18/01/2006) to 3248 (19/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3258 (29/01/2006) are not reliable. Data from day 3269 (09/02/2006) to 3269 (09/02/2006) are not reliable. Data from day 3285 (25/02/2006) to 3286 (26/02/2006) are not reliable.

SECTION G

SENSOR TYPE: Total pressure. ***UNITS: MPa***

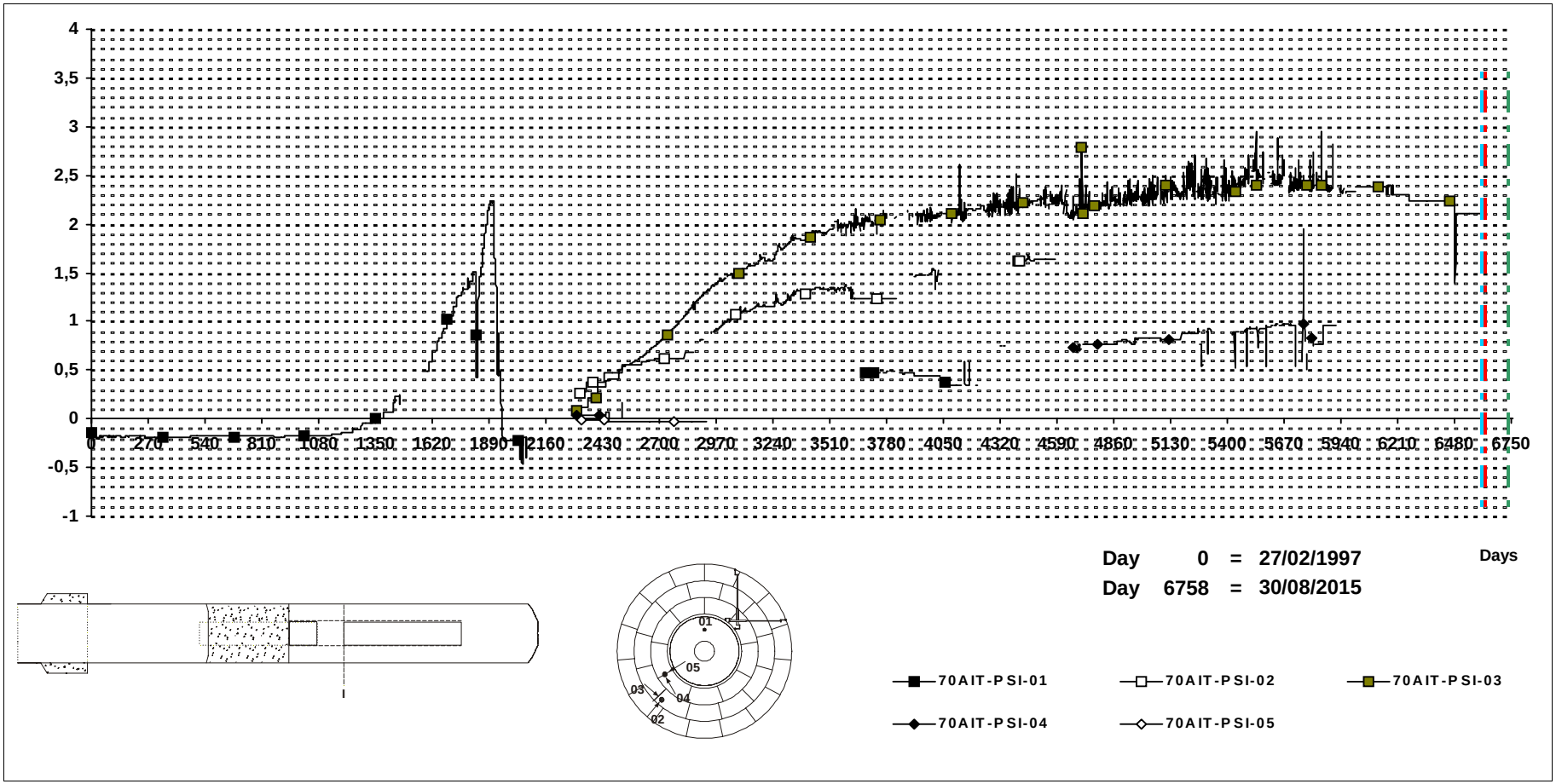


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05).
No data because of failure in teh Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PSG-01: No data from day 285 (09/12/1997) to 343 (05/02/1998). The signal change on day 432 (05/05/1998) was due to a change in the associated temperature used for the temperature correction. Out of order from day 979 (03/11/1999) to 1974 (25/07/2002). Sensor replaced by a new one on day 1975 (26/07/2002). Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3247 (18/01/2006) to 3248 (19/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3258 (29/01/2006) are not reliable. Data from day 3269 (09/02/2006) to 3269 (09/02/2006) are not reliable. Data from day 3285 (25/02/2006) to 3286 (26/02/2006) are not reliable.

SECTION I

SENSOR TYPE: Total pressure. ***UNITS: MPa***

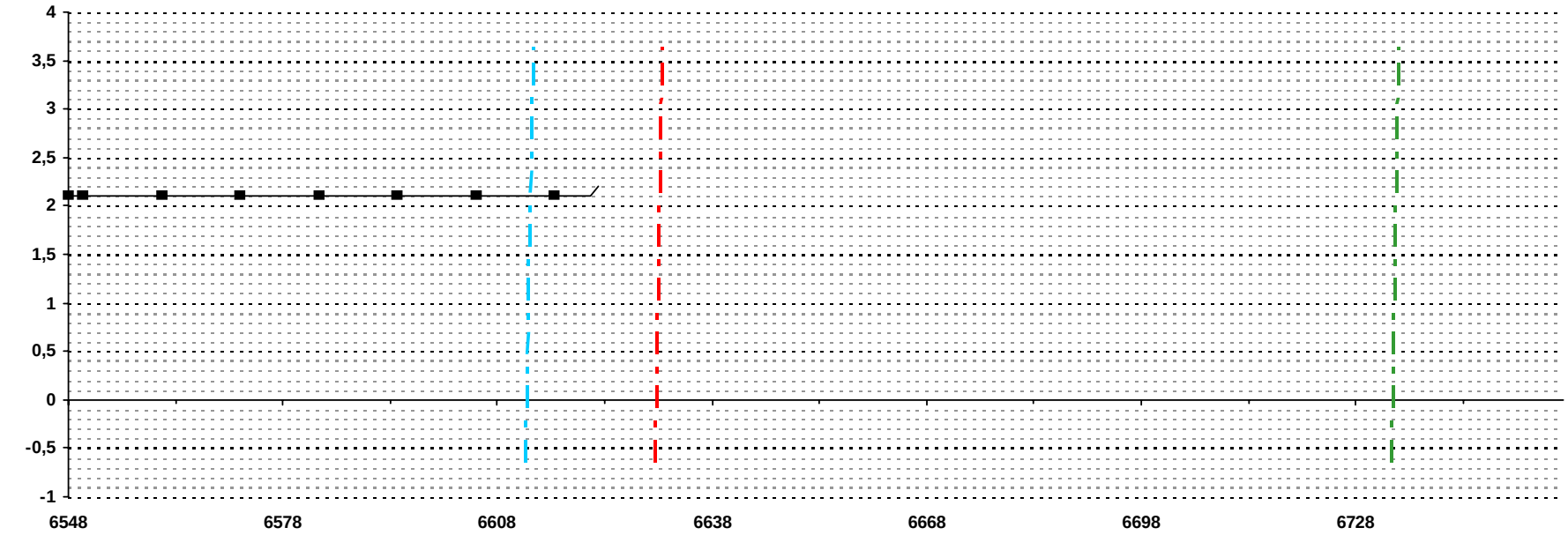


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PSI-03 and 70AIT-PSI-04: signal connected on day 2311 (27/06/03).
70AIT-PSI-02 and 70AIT-PSI-05: signal connected on day 2324 (10/07/03).
70AIT-PSI-01: Data from day 2072 (31/10/2002) to 2072 (31/10/2002) are not reliable. Data from day 2073 (01/11/2002) to 3679 (26/03/2007) are not reliable. Data from day 4344 (19/01/2009) are not reliable.
70AIT-PSI-02: Data from day 4027 (08/03/2008) to 4403 (19/03/2009) are not reliable. Data from day 4586 (18/09/2009) are not reliable.
70AIT-PSI-04: Data from day 2689 (09/07/2004) to 4669 (10/12/2009) are not reliable. Data from day 5921 (15/05/2013) are not reliable.
70AIT-PSI-05: Out of order from day 2924 (01/03/2005).

SECTION I

SENSOR TYPE: Total pressure. ***UNITS: MPa***



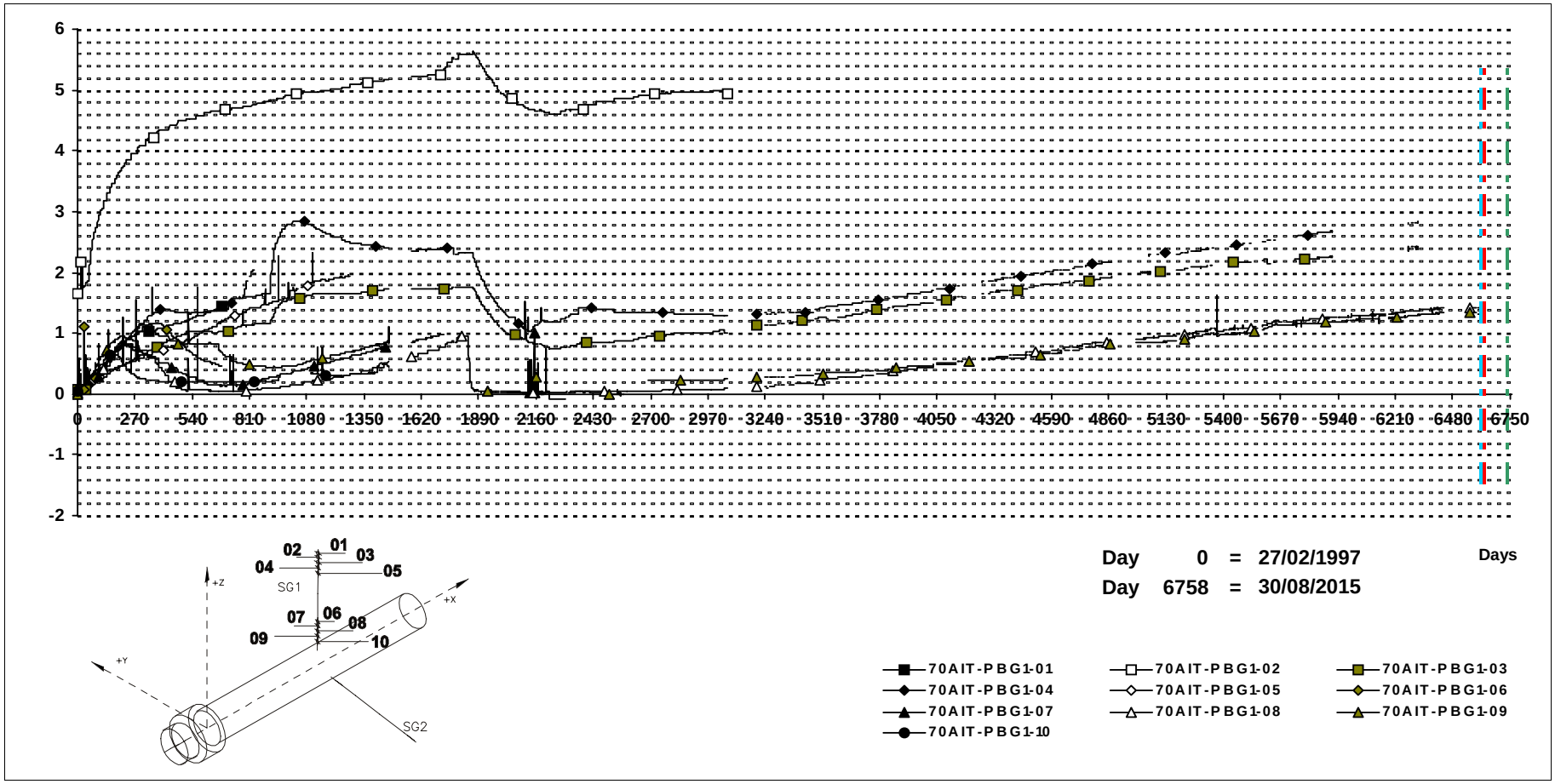
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PSI-03 and 70AIT-PSI-04: signal connected on day 2311 (27/06/03).
70AIT-PSI-02 and 70AIT-PSI-05: signal connected on day 2324 (10/07/03).
70AIT-PSI-01: Data from day 2072 (31/10/2002) to 2072 (31/10/2002) are not reliable. Data from day 2073 (01/11/2002) to 3679 (26/03/2007) are not reliable. Data from day 4344 (19/01/2009) are not reliable.
70AIT-PSI-02: Data from day 4027 (08/03/2008) to 4403 (19/03/2009) are not reliable. Data from day 4586 (18/09/2009) are not reliable.
70AIT-PSI-04: Data from day 2689 (09/07/2004) to 4669 (10/12/2009) are not reliable. Data from day 5921 (15/05/2013) are not reliable.
70AIT-PSI-05: Out of order from day 2924 (01/03/2005).

SECTION Borehole SG1

SENSOR TYPE: Total pressure (borehole).

UNITS: MPa



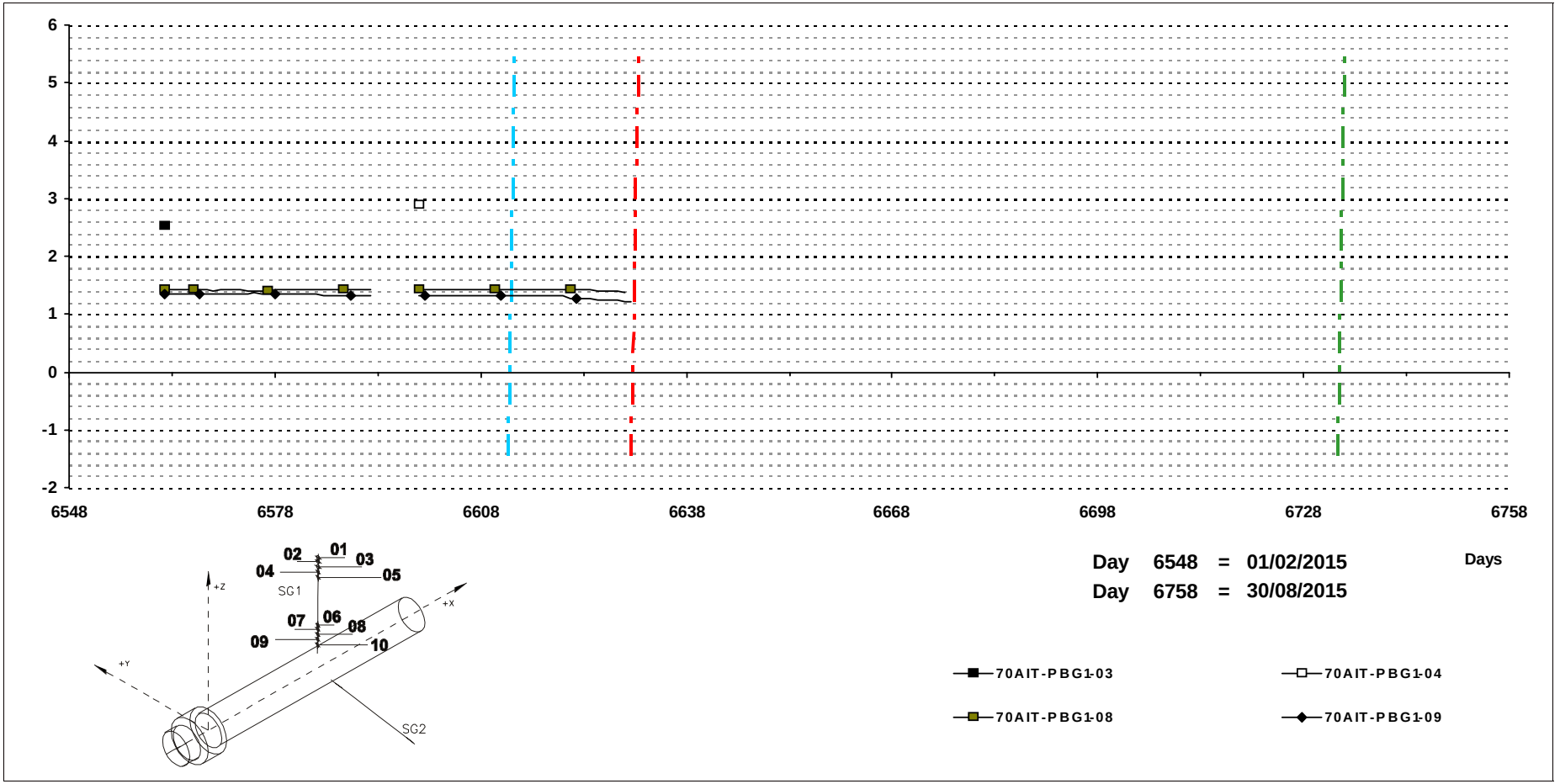
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PBG1-01: Out of order from day 835 (12/06/99); 70AIT-PBG1-02: Data from day 3064 (19/07/05) are not reliable; 70AIT-PBG1-05: Out of order from day 1285 (04/09/00).
70AIT-PBG1-06: Out of order from day 684 (12/01/99); 70AIT-PBG1-07: Data from day 2303 (19/06/03) are not reliable; 70AIT-PBG1-10: Out of order from day 1572 (18/06/01).

SECTION Borehole SG1

SENSOR TYPE: Total pressure (borehole).

UNITS: MPa



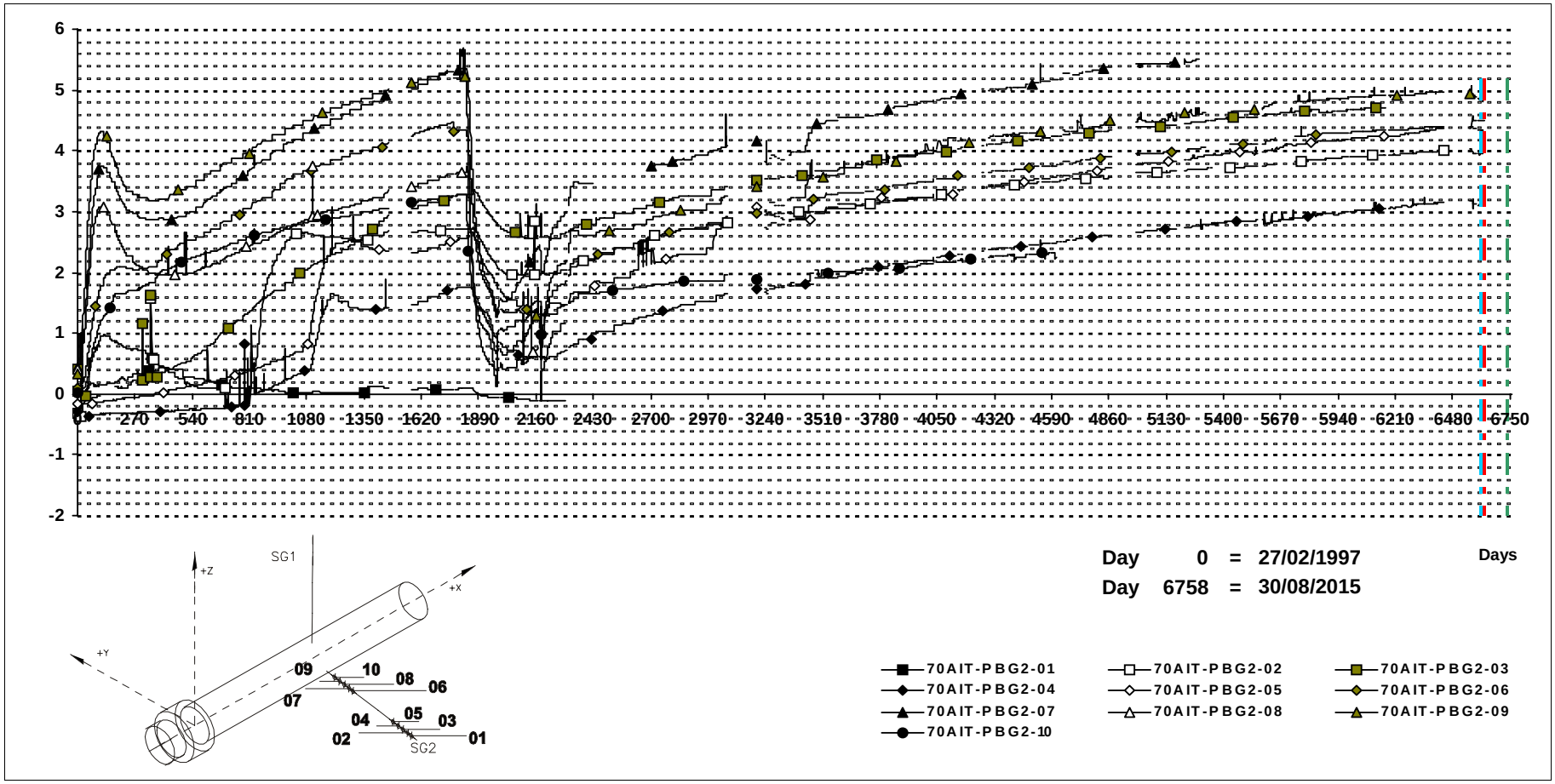
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PBG1-01: Out of order from day 835 (12/06/99); 70AIT-PBG1-02: Data from day 3064 (19/07/05) are not reliable; 70AIT-PBG1-05: Out of order from day 1285 (04/09/00).
70AIT-PBG1-06: Out of order from day 684 (12/01/99); 70AIT-PBG1-07: Data from day 2303 (19/06/03) are not reliable; 70AIT-PBG1-10: Out of order from day 1572 (18/06/01).

SECTION Borehole SG2

SENSOR TYPE: Total pressure (borehole).

UNITS: MPa



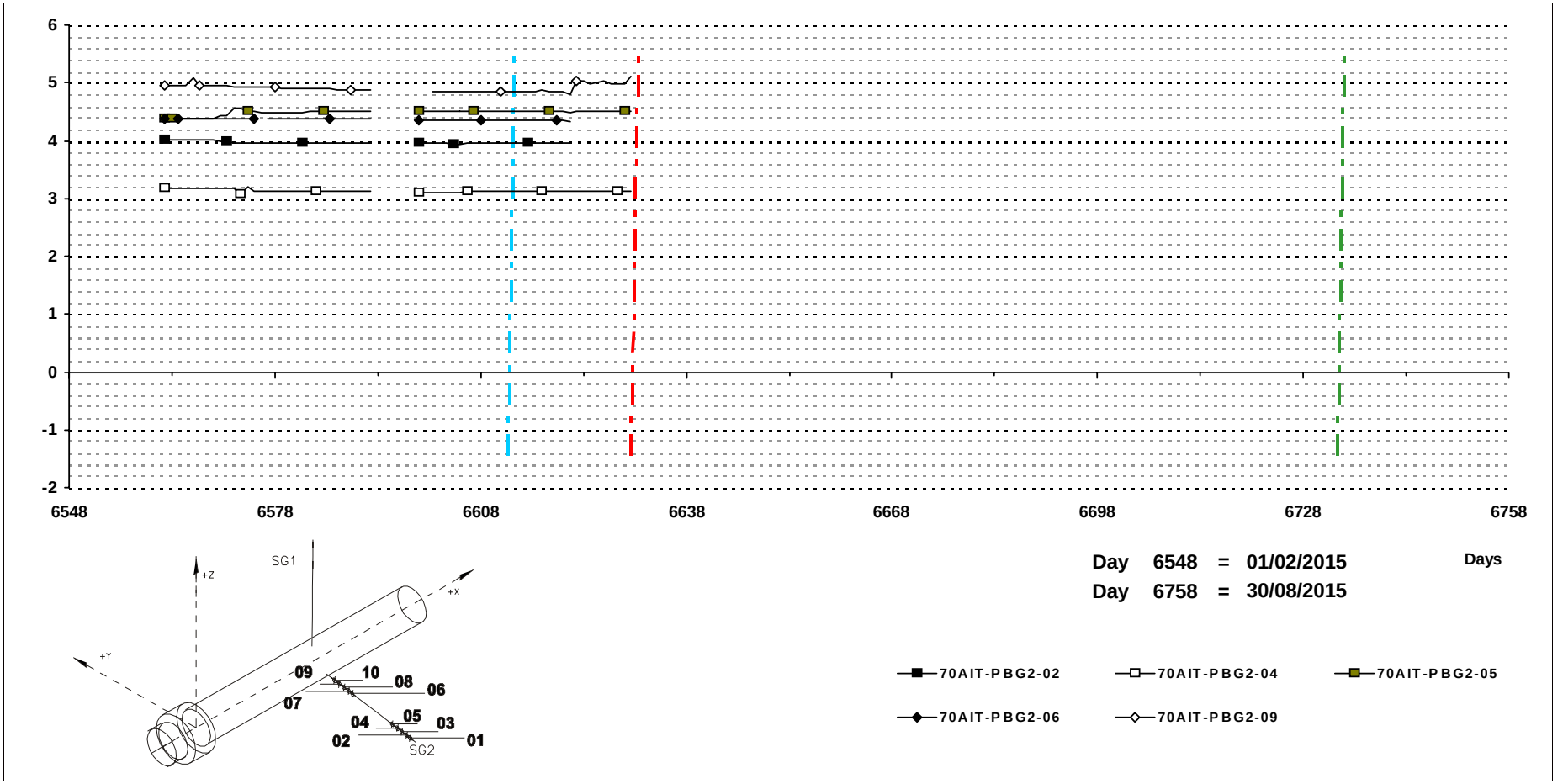
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PBG2-01: Out of order from day 2296 (12/06/2003).
70AIT-PBG2-03: Data from day 6163 (12/01/2014) are not reliable.
70AIT-PBG2-07: Data from day 2430 (24/10/2003) to 2700 (20/07/2004) are not reliable. Data from day 5288 (21/08/2011) are not reliable.
70AIT-PBG2-08: Out of order from day 2296 (12/06/2003).
70AIT-PBG2-10: Out of order from day 4610 (12/10/2009).

SECTION Borehole SG2

SENSOR TYPE: Total pressure (borehole).

UNITS: MPa



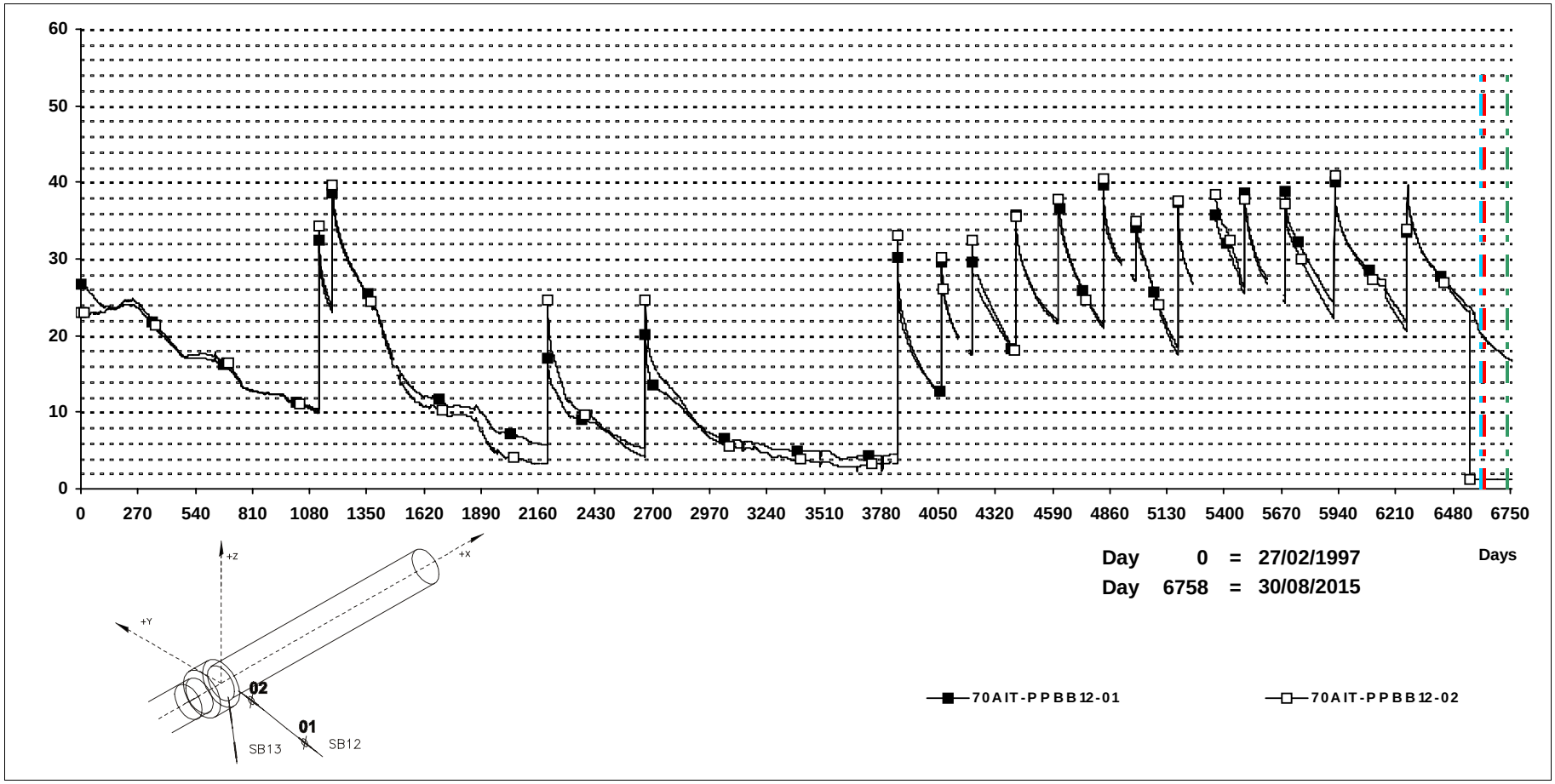
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PBG2-01: Out of order from day 2296 (12/06/2003).
70AIT-PBG2-03: Data from day 6163 (12/01/2014) are not reliable.
70AIT-PBG2-07: Data from day 2430 (24/10/2003) to 2700 (20/07/2004) are not reliable. Data from day 5288 (21/08/2011) are not reliable.
70AIT-PBG2-08: Out of order from day 2296 (12/06/2003).
70AIT-PBG2-10: Out of order from day 4610 (12/10/2009).

SECTION Borehole SB12

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



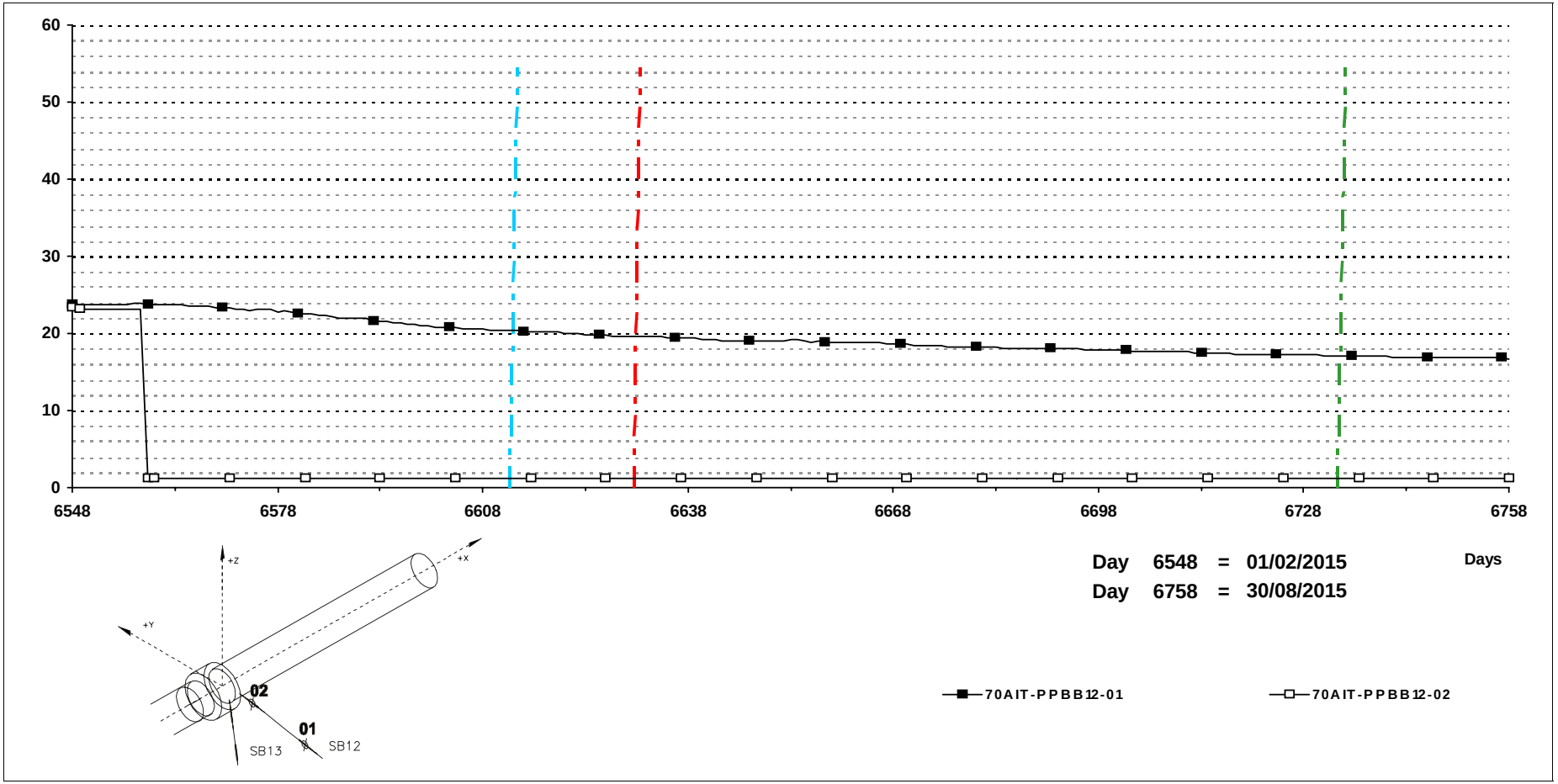
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBB12-02: Data from day 1477 (15/03/2001) to 1491 (29/03/2001) are not reliable.

SECTION Borehole SB12

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



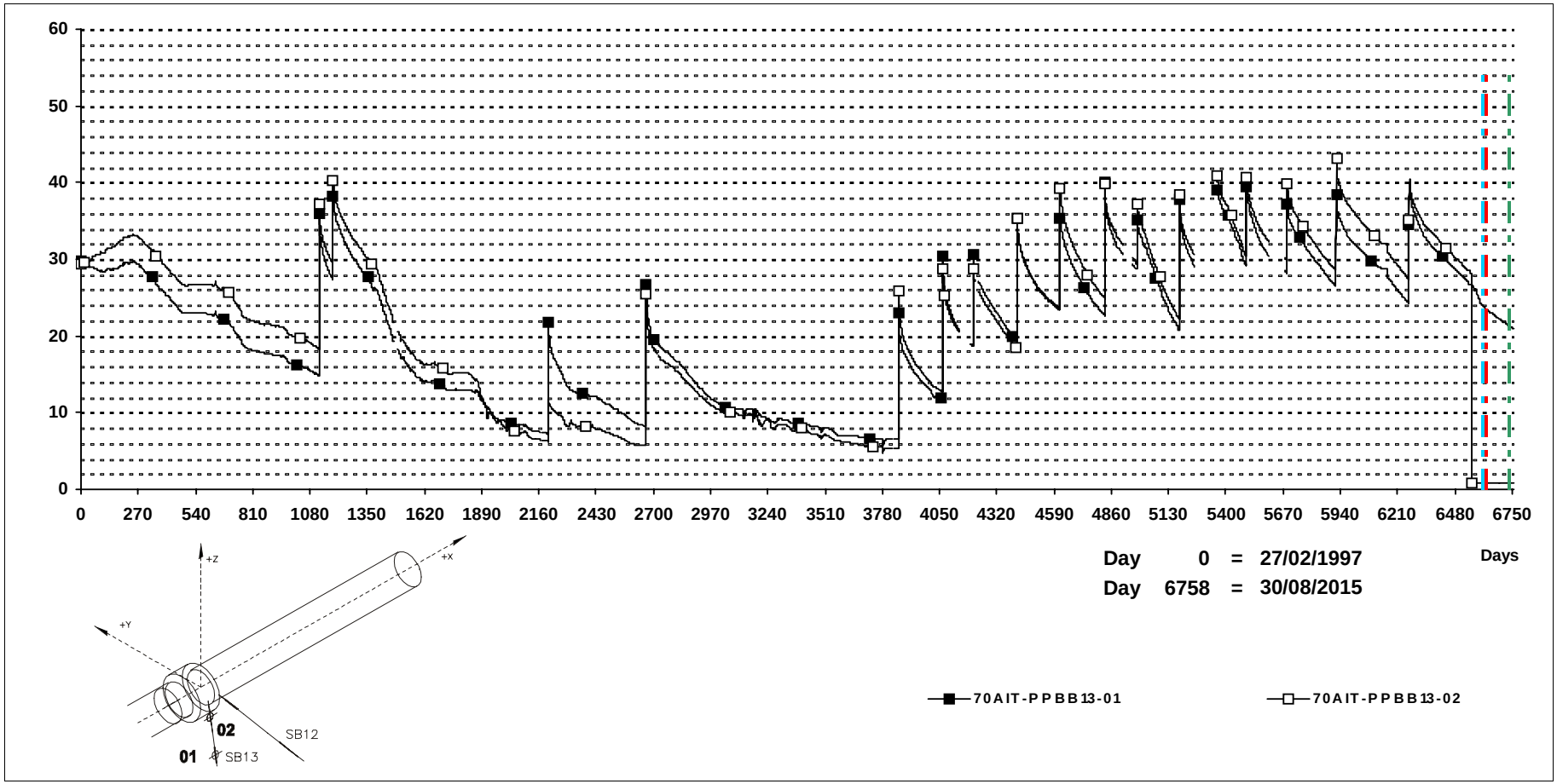
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBB12-02: Data from day 1477 (15/03/2001) to 1491 (29/03/2001) are not reliable.

SECTION Borehole SB13

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



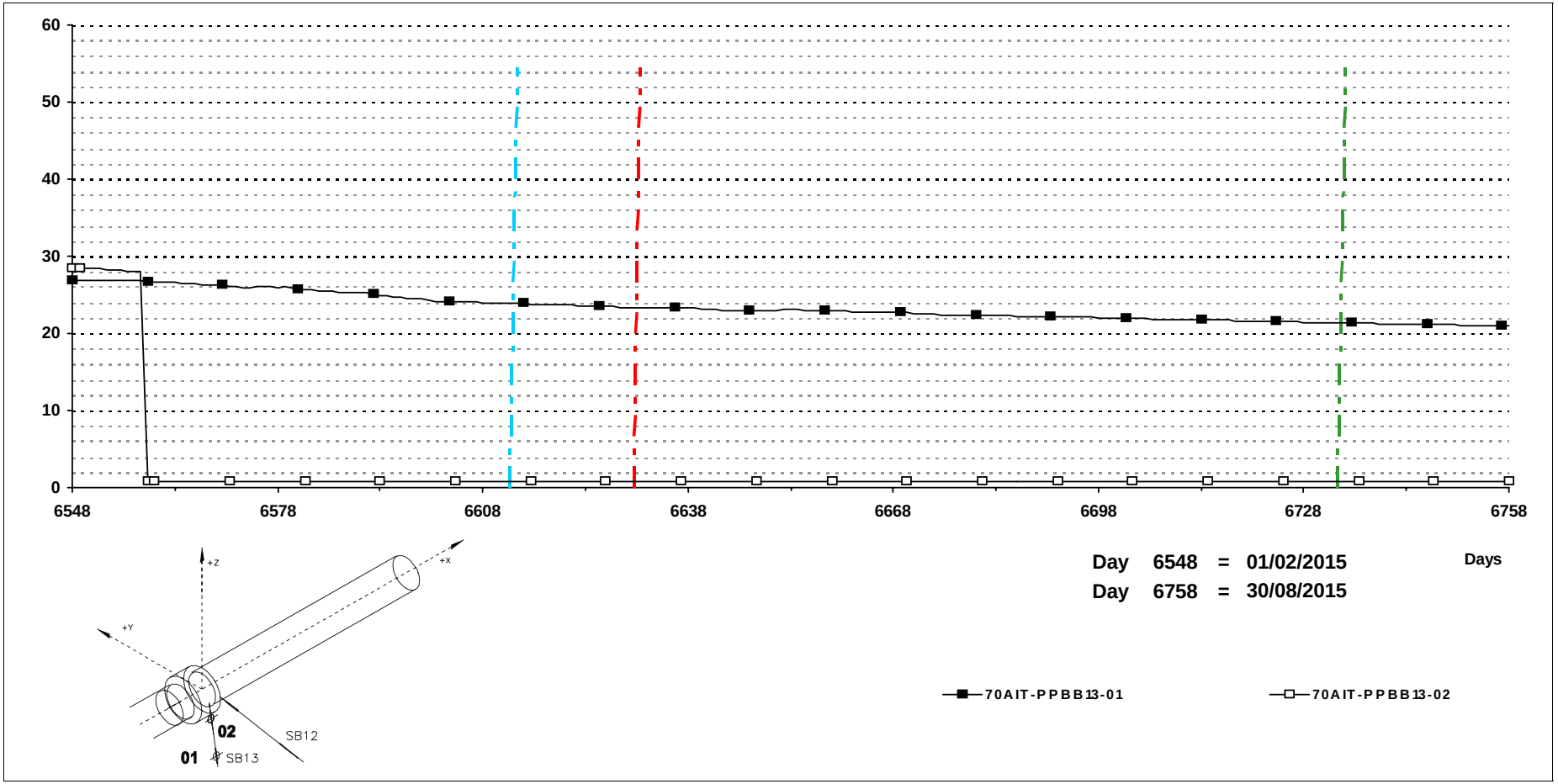
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBB13-02: Data from day 1477 (15/03/2001) to 1491 (29/03/2001) are not reliable.

SECTION Borehole SB13

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



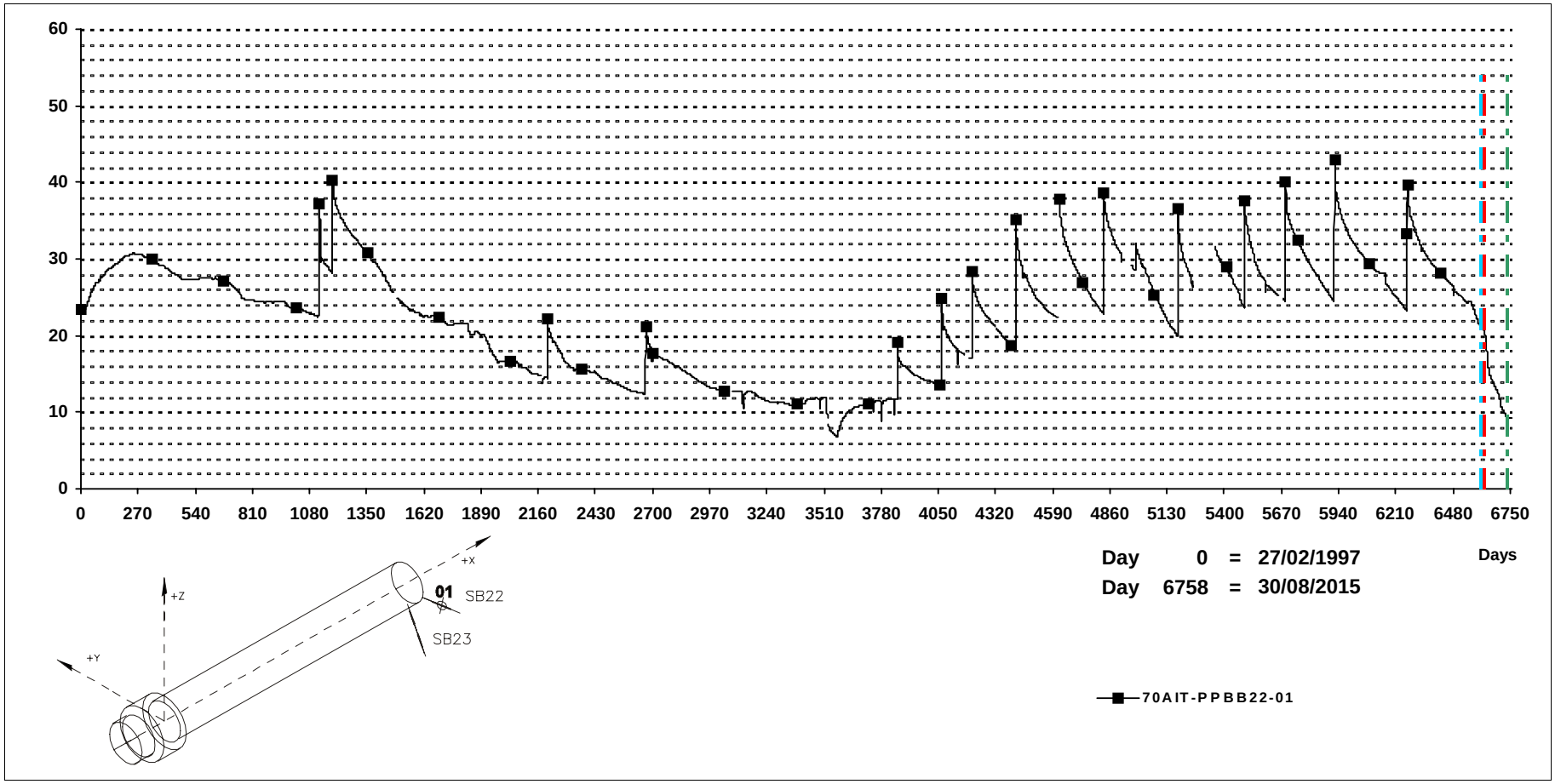
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBB13-02: Data from day 1477 (15/03/2001) to 1491 (29/03/2001) are not reliable.

SECTION Borehole SB22

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



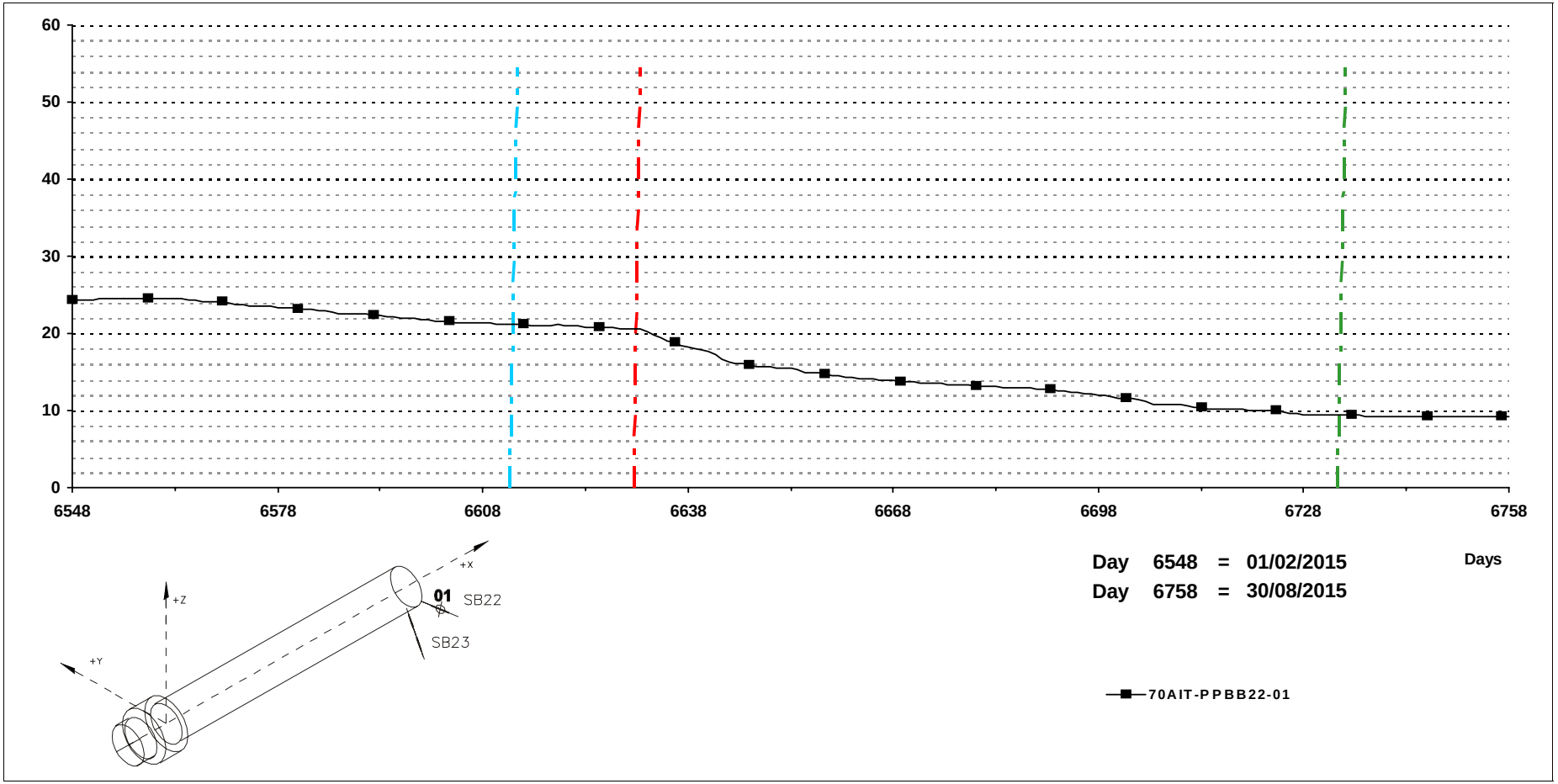
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).

SECTION Borehole SB22

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



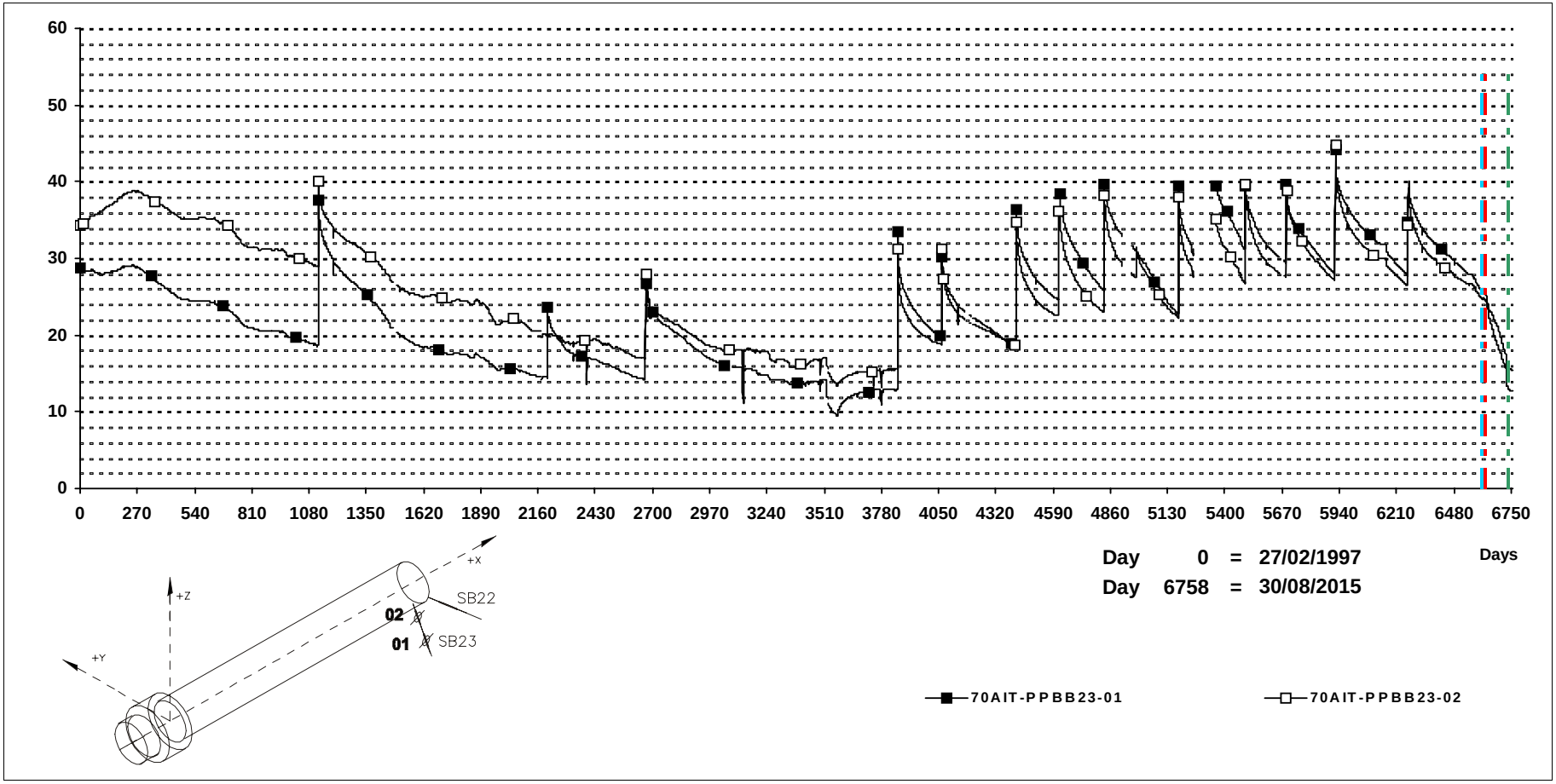
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).

SECTION Borehole SB23

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



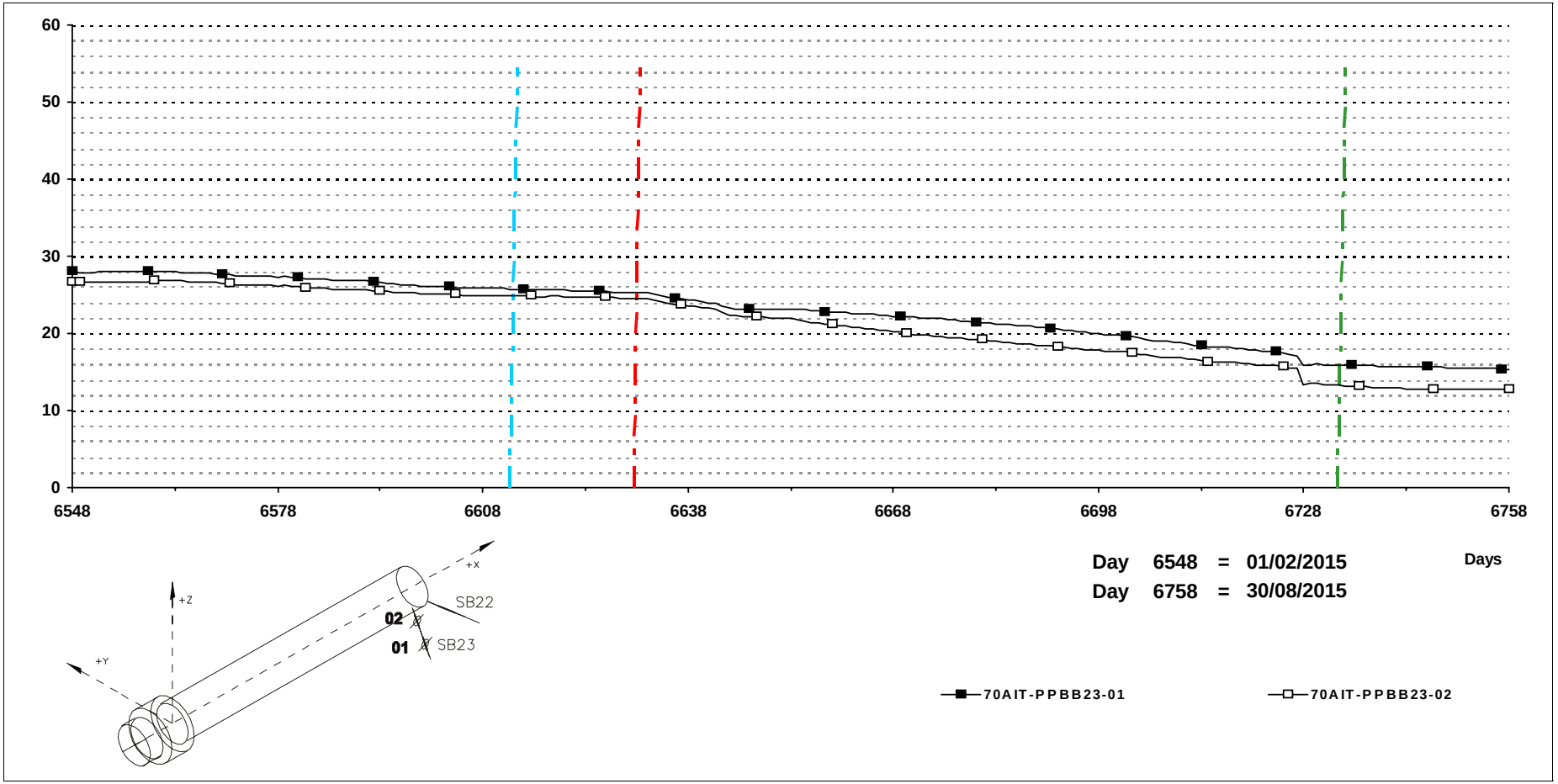
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).

SECTION Borehole SB23

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



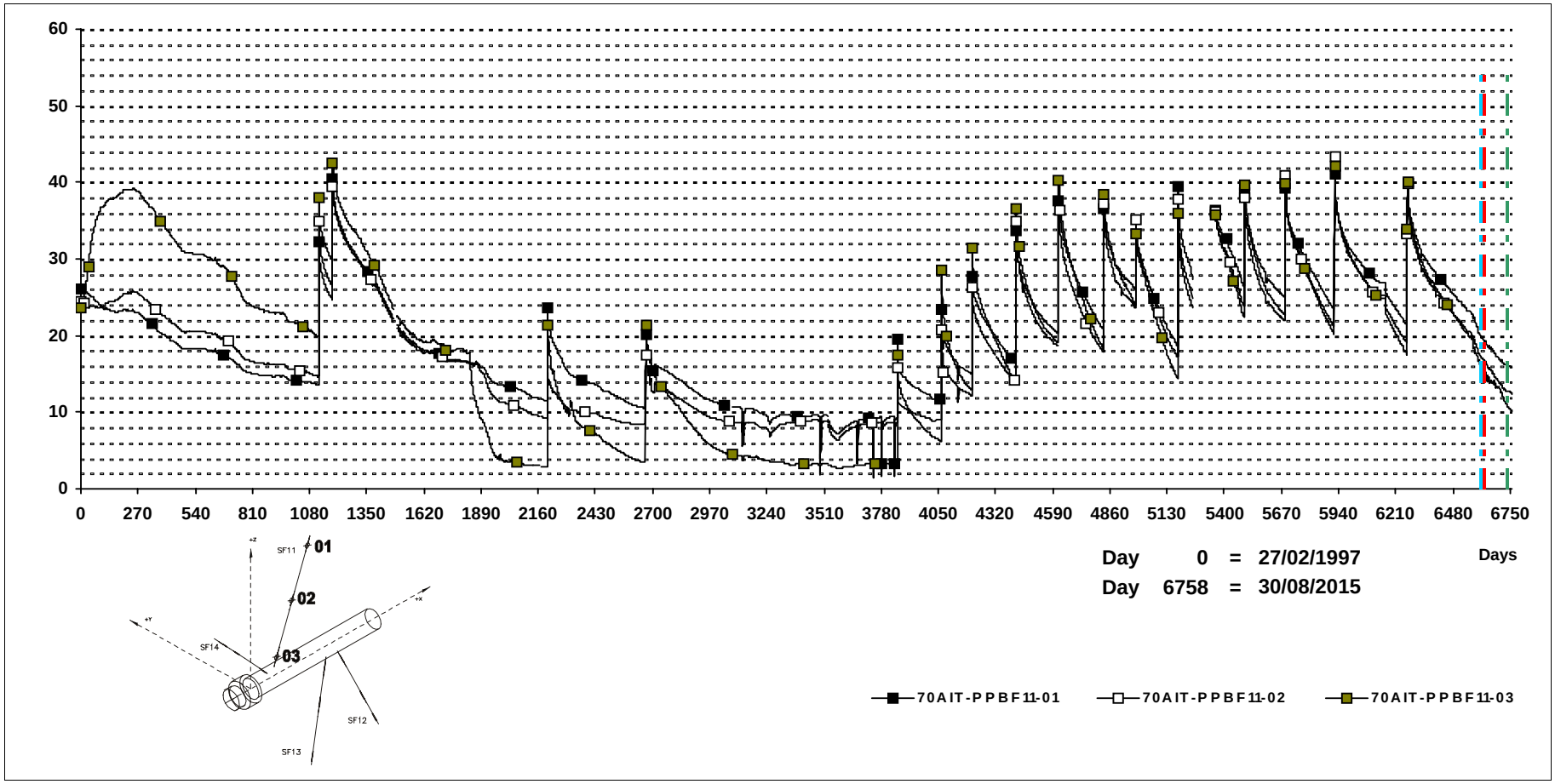
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).

SECTION Borehole SF11

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



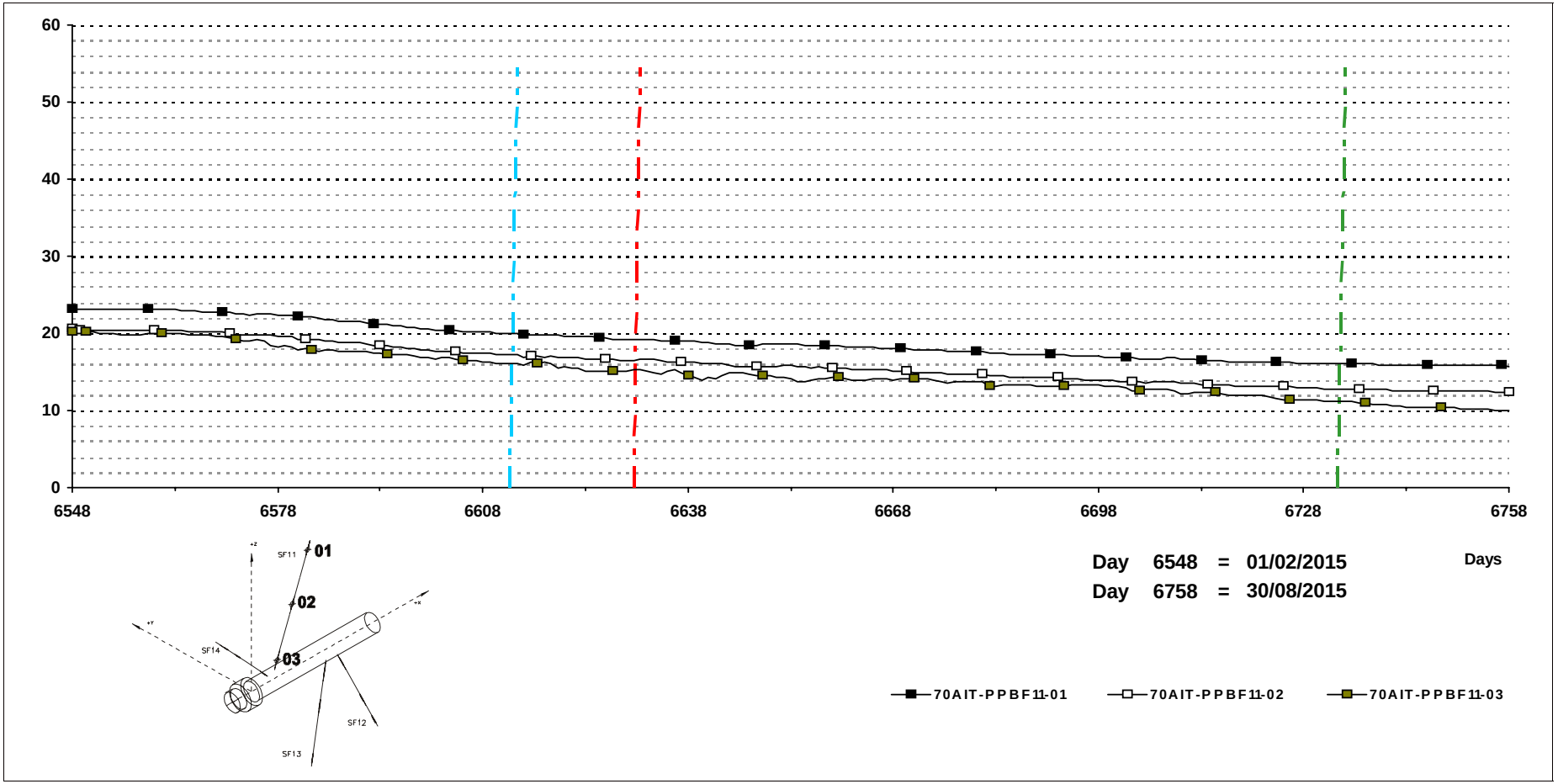
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF11

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



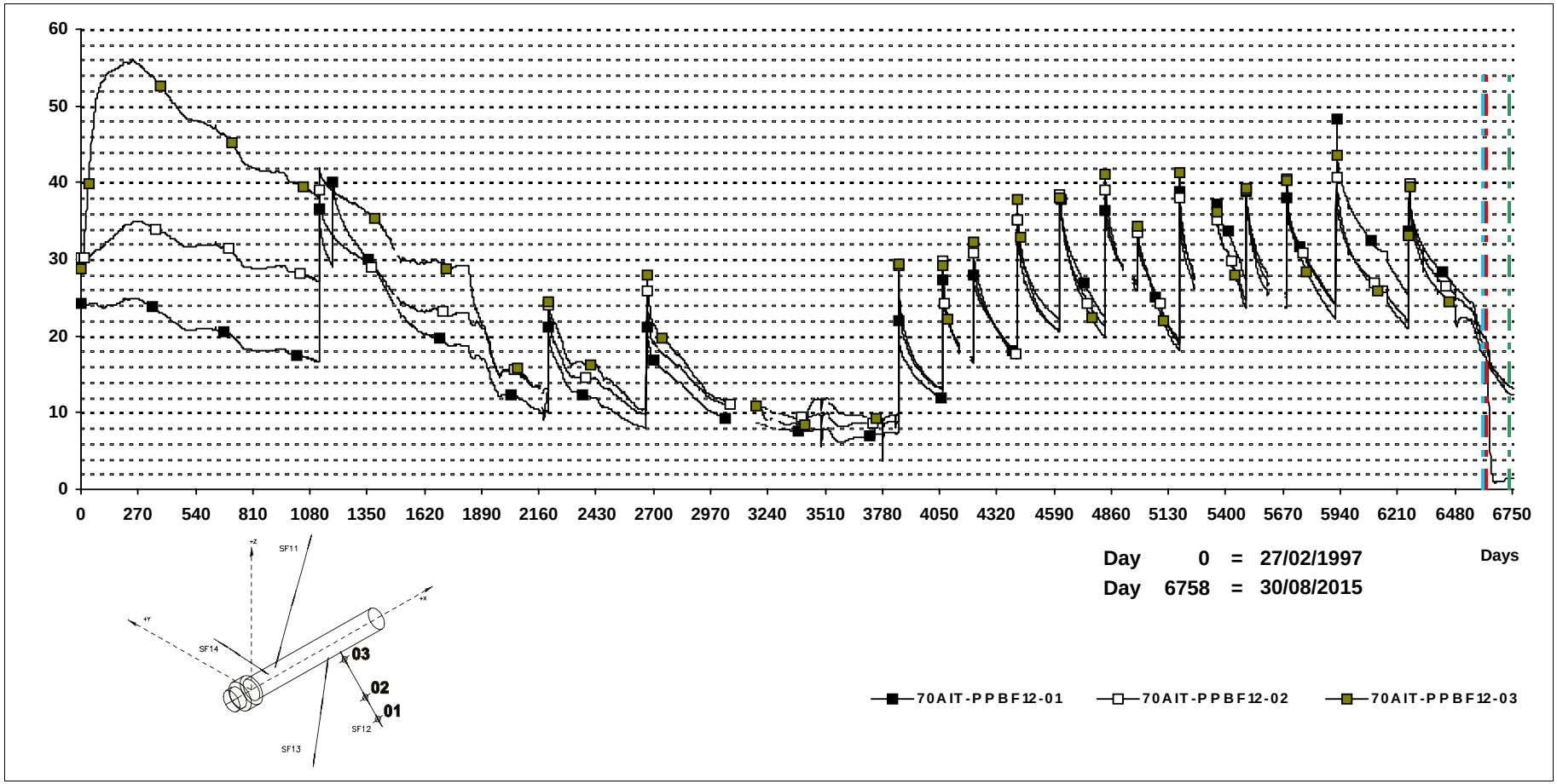
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF12

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



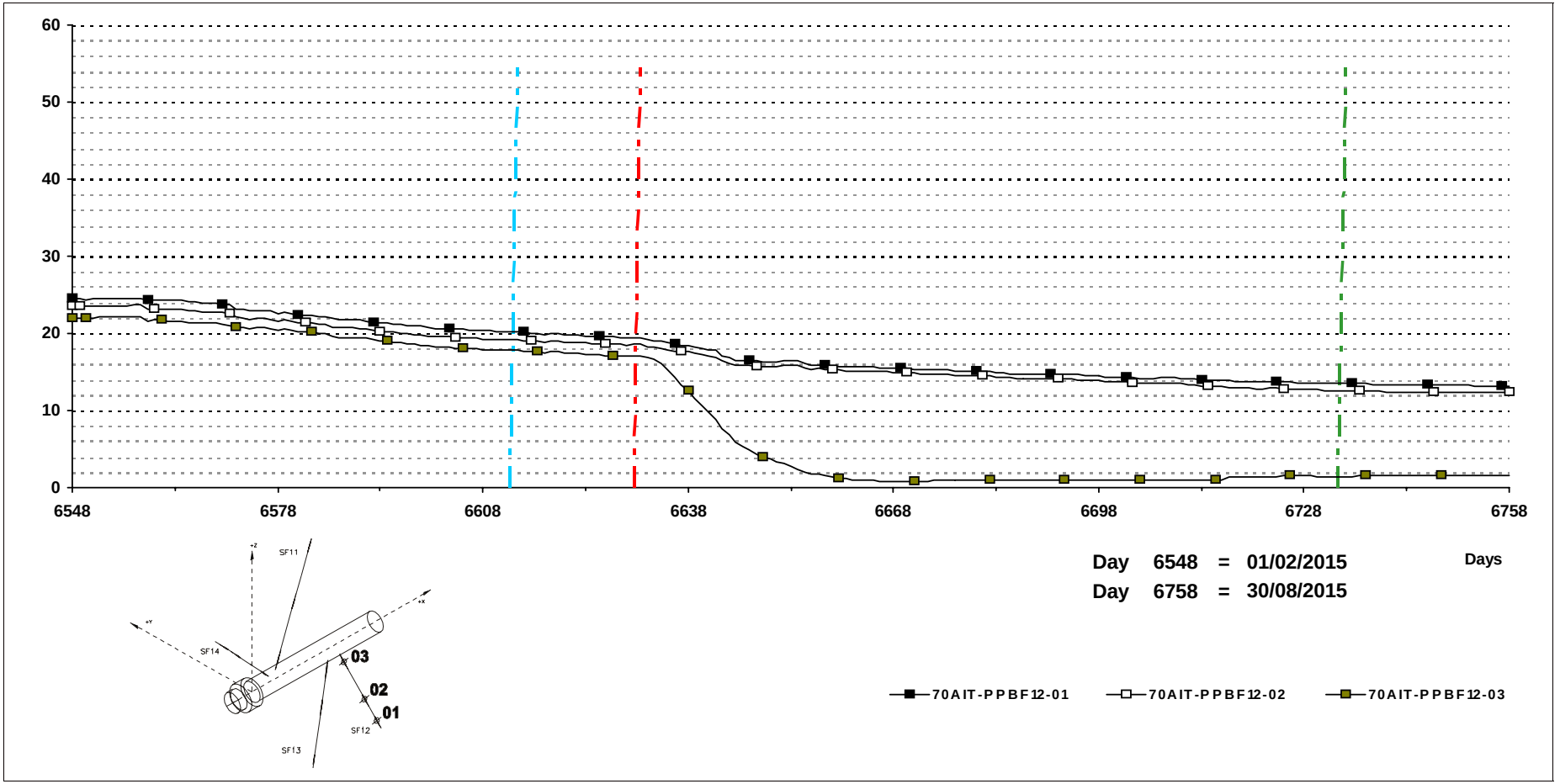
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBF12-01 & 70AIT-PPBF12-02 & 70AIT-PPBF12-03: Data from day 3064 (19/07/2005) to day 3183 (15/11/2005) are not reliable. Data from day 3199 (01/12/2005) to day 3206 (08/12/2005) are not reliable. Data from day 3238 (09/01/2006) to 3251 (22/01/2006) are not reliable. Data from day 3259 (30/01/2006) to 3288 (28/02/2006) are not reliable.

SECTION Borehole SF12

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



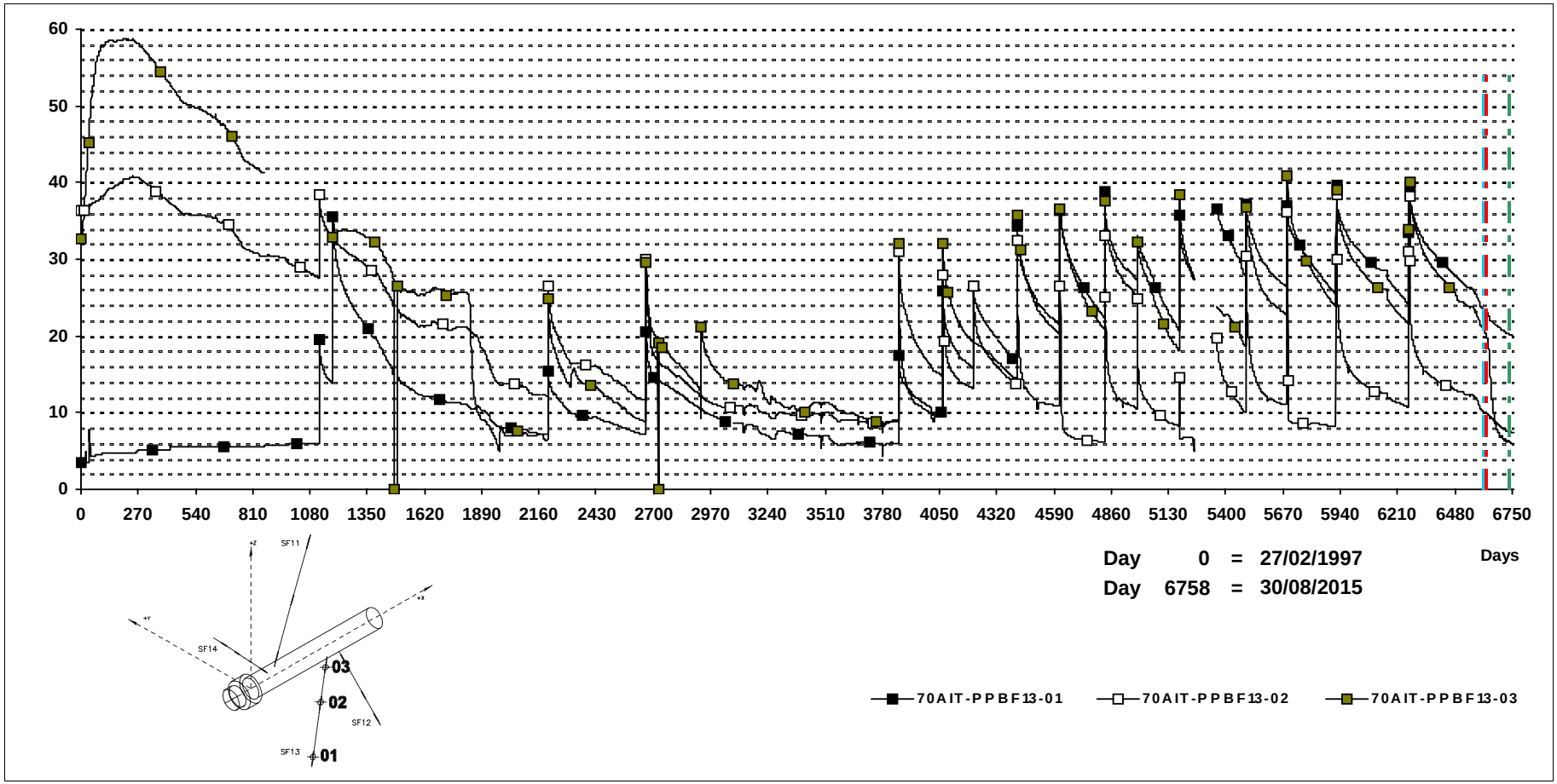
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBF12-01 & 70AIT-PPBF12-02 & 70AIT-PPBF12-03: Data from day 3064 (19/07/2005) to 3183 (15/11/2005) are not reliable. Data from day 3199 (01/12/2005) to 3206 (08/12/2005) are not reliable. Data from day 3238 (09/01/2006) to 3251 (22/01/2006) are not reliable. Data from day 3259 (30/01/2006) to 3288 (28/02/2006) are not reliable.

SECTION Borehole SF13

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



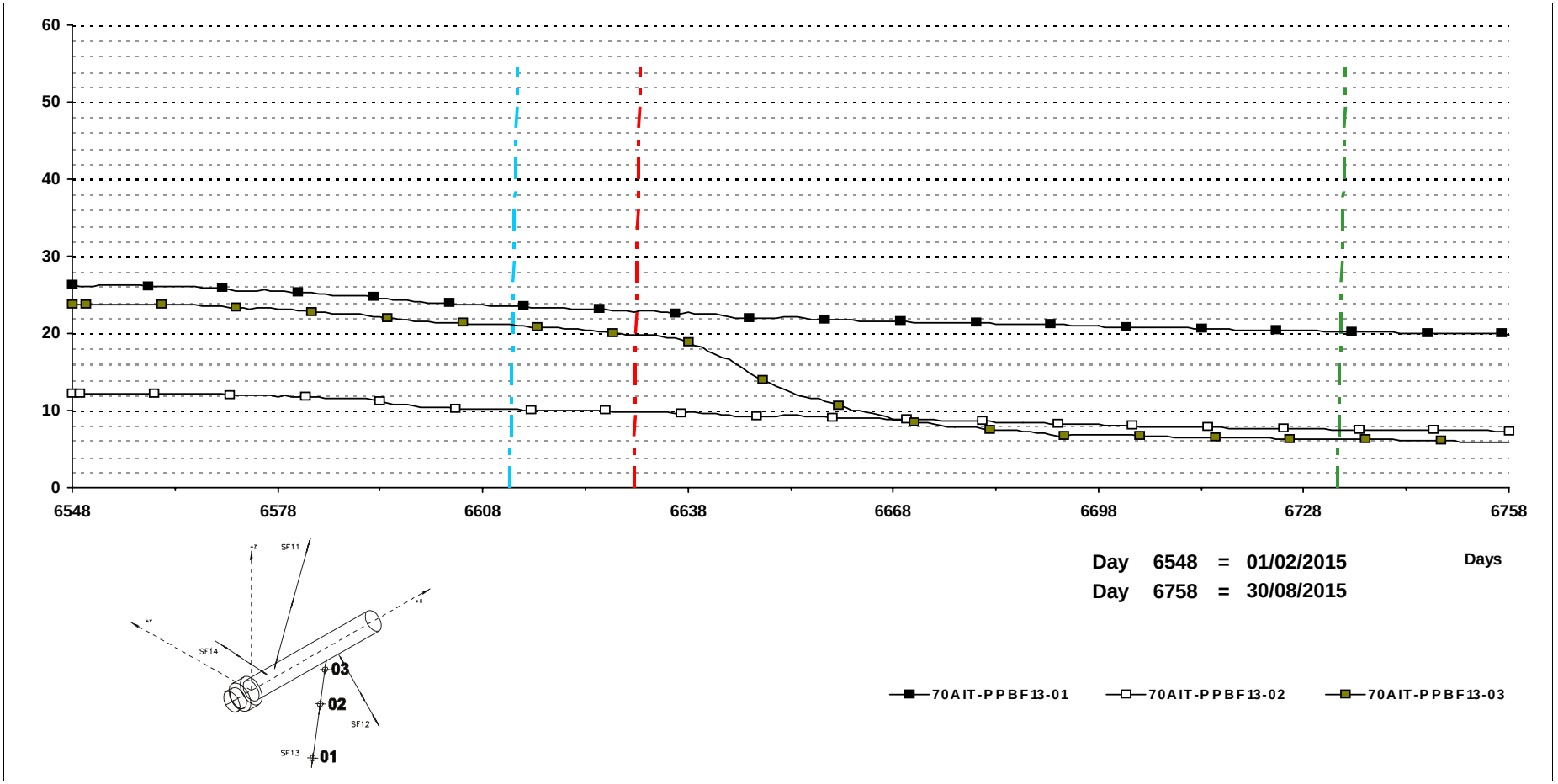
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBF13-01: Packer leakage.
70AIT-PPBF13-03: Data from day 866 (13/07/1999) to 1188 (30/05/2000) are not reliable.

SECTION Borehole SF13

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



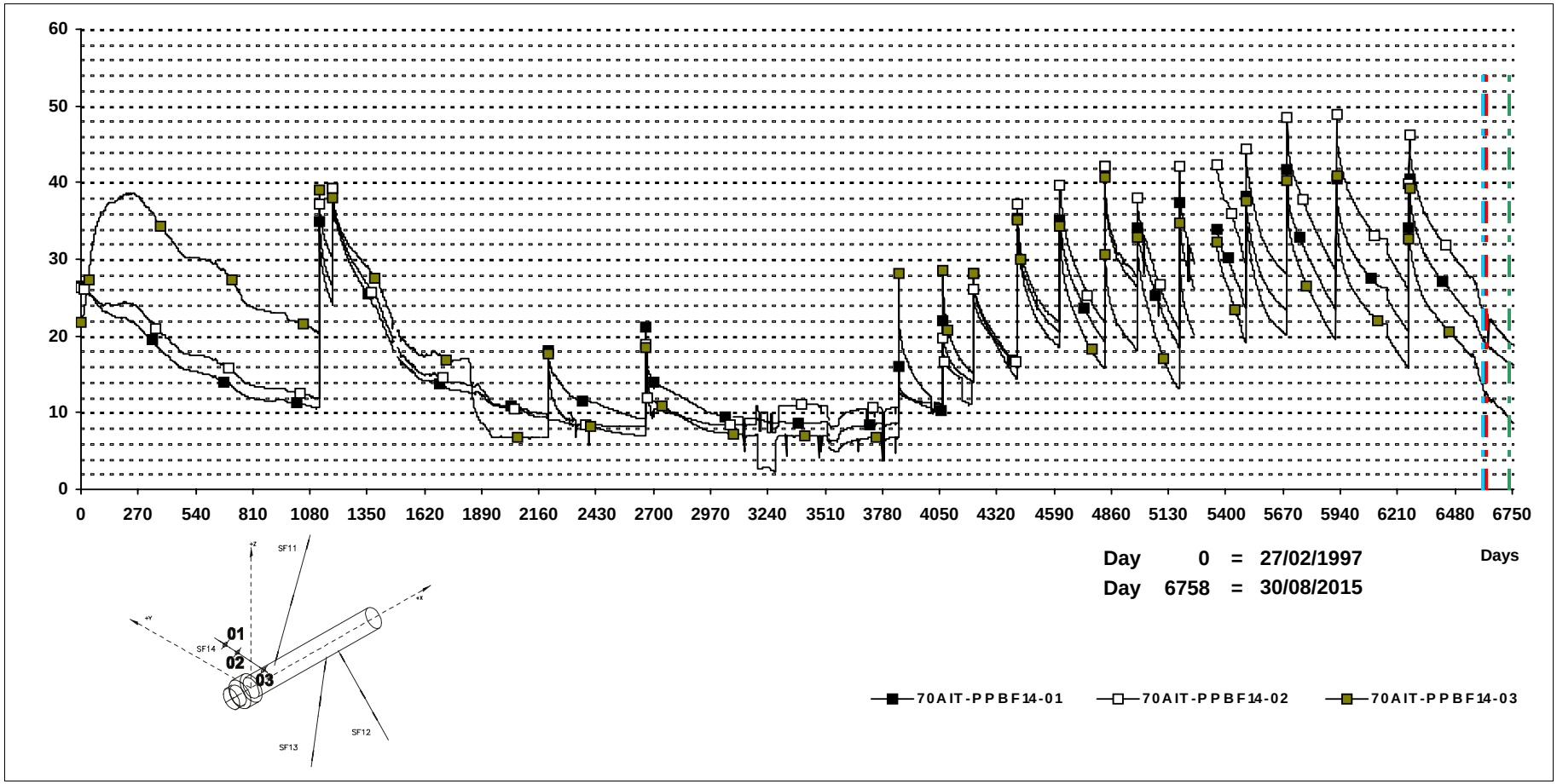
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBF13-01: Packer leakage.
70AIT-PPBF13-03: Data from day 866 (13/07/1999) to 1188 (30/05/2000) are not reliable.

SECTION Borehole SF14

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



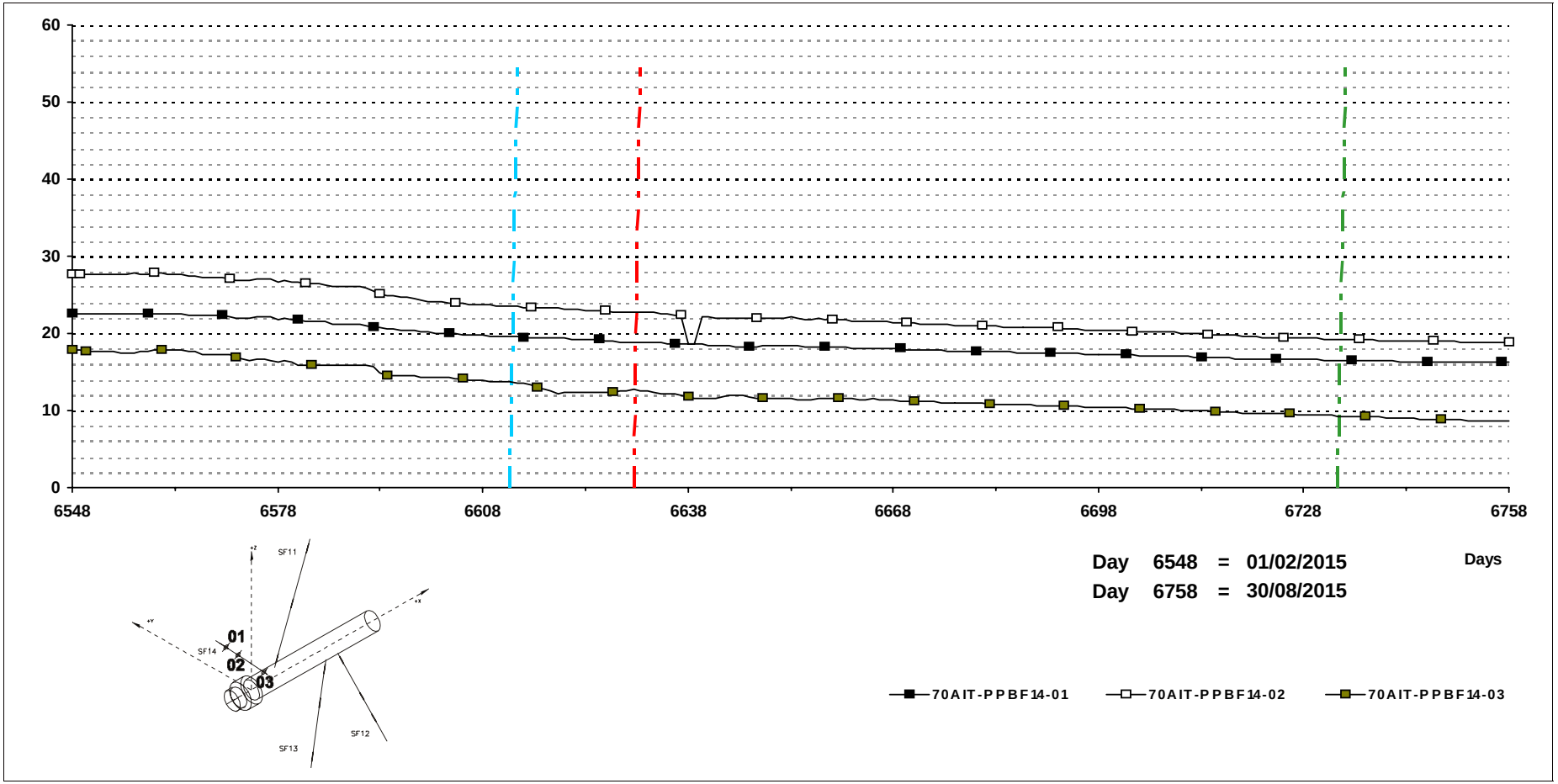
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF14

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



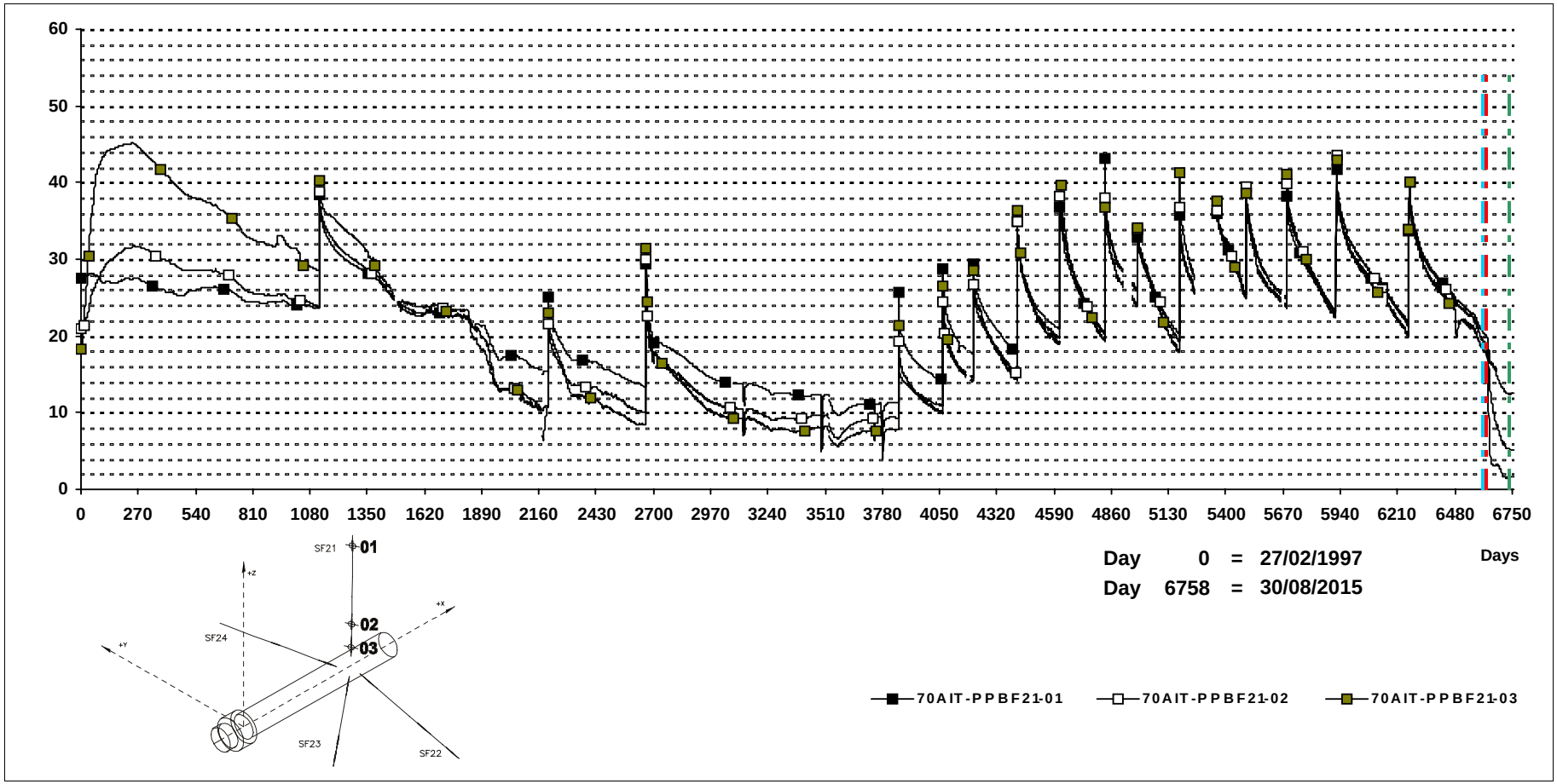
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).

SECTION Borehole SF21

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



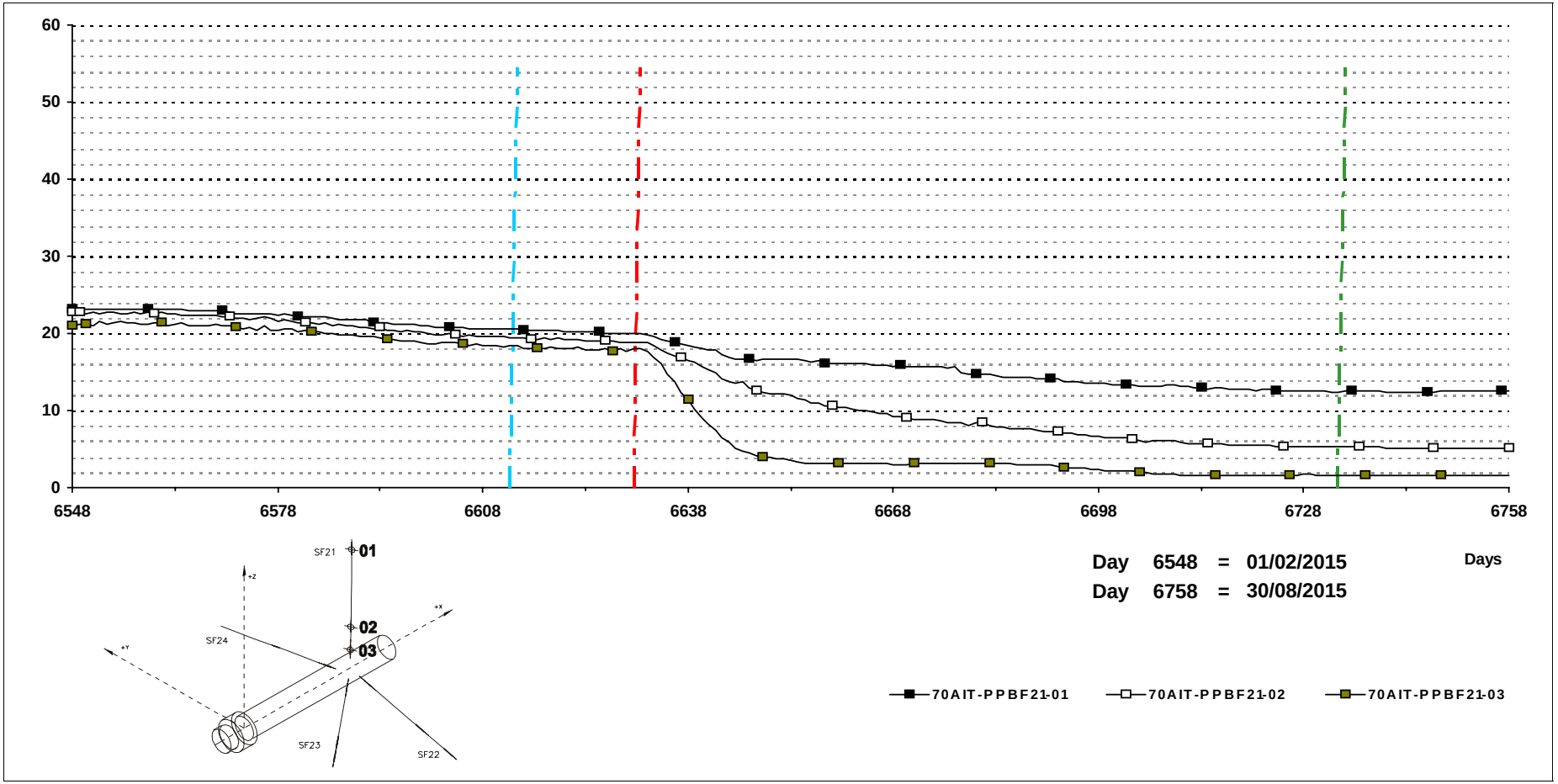
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).

SECTION Borehole SF21

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



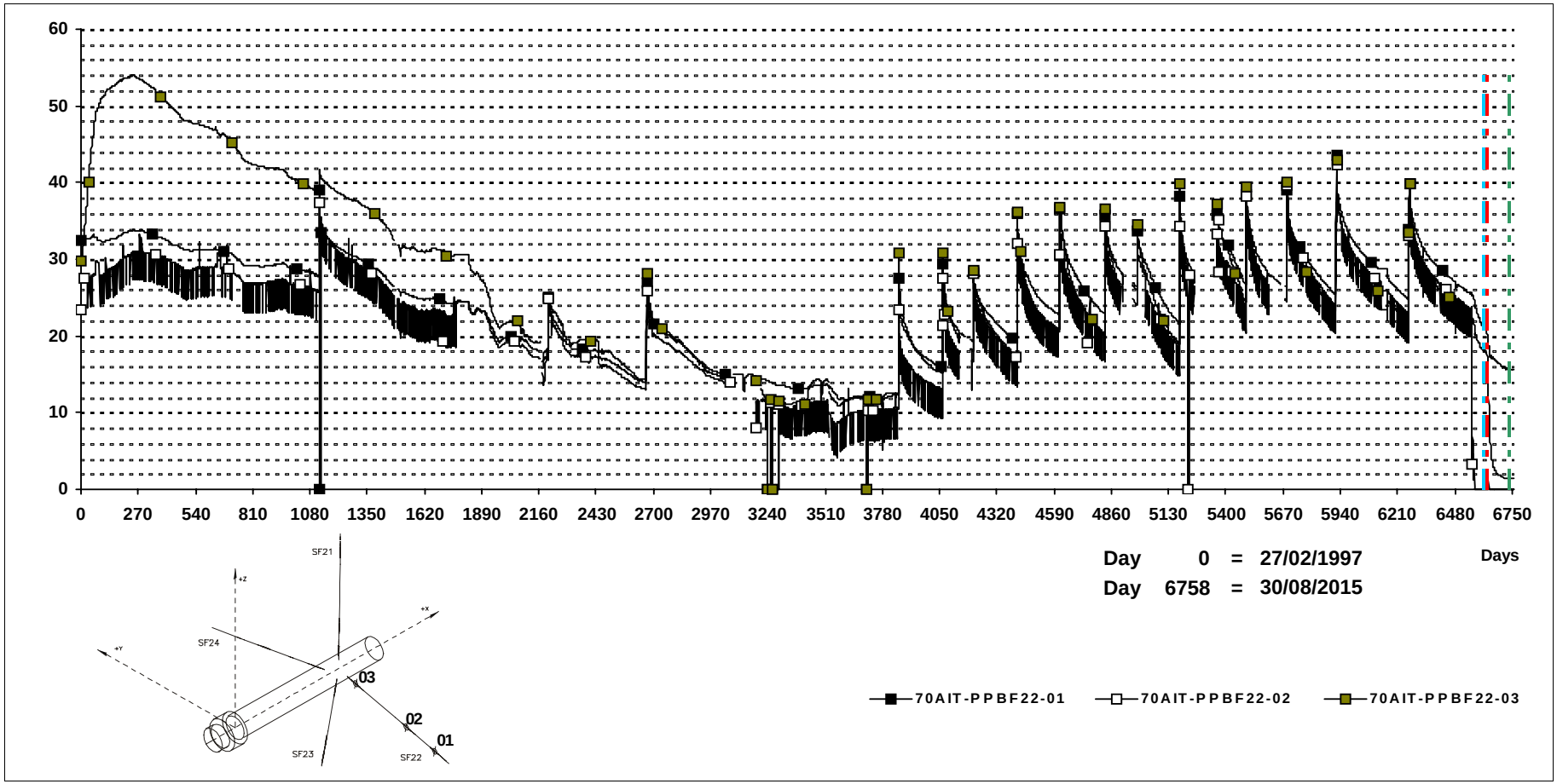
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).

SECTION Borehole SF22

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



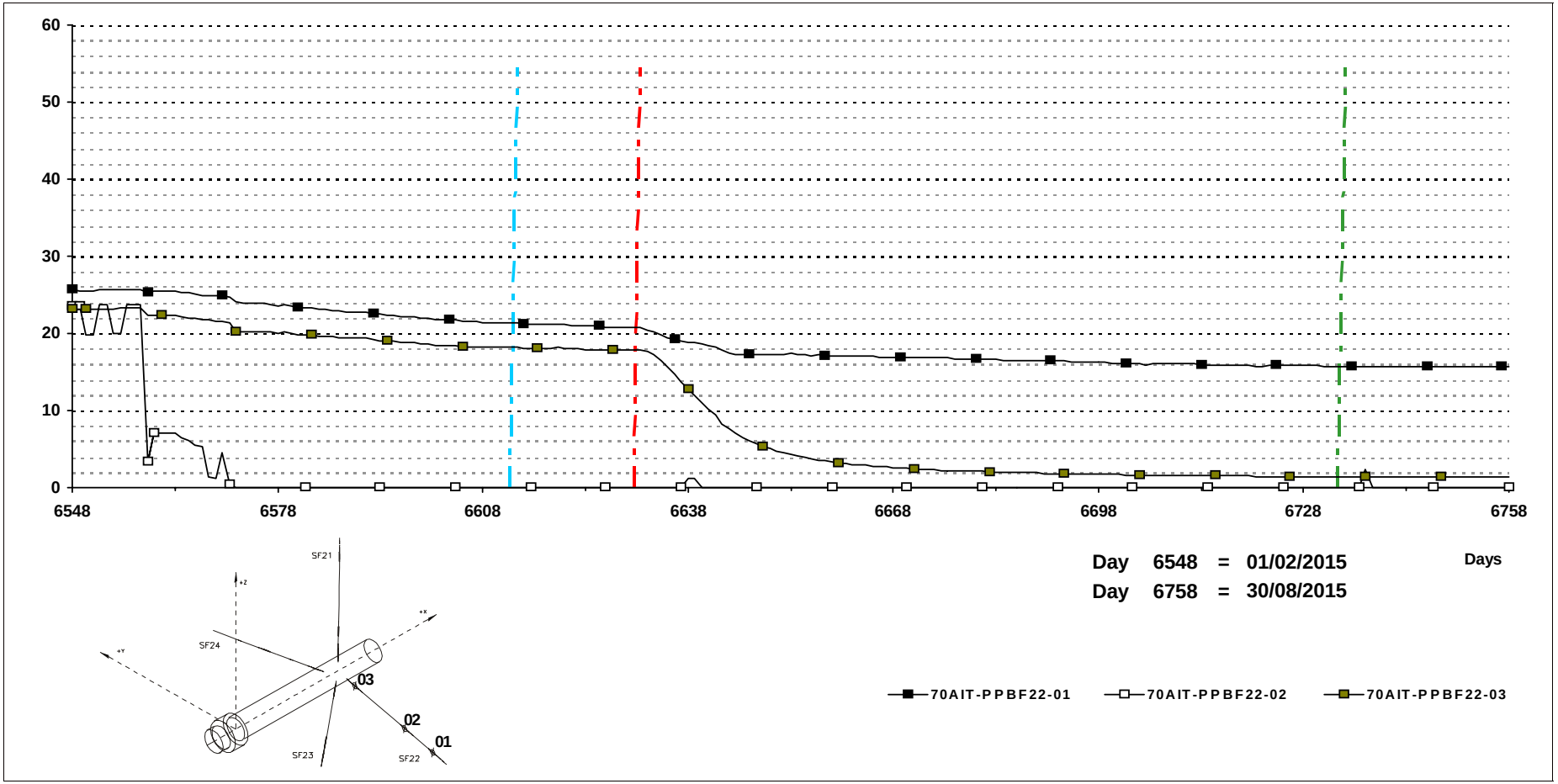
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBF22-02 & 70AIT-PPBF22-03: Data from day 3064 (19/07/2005) to 3183 (15/11/2005) are not reliable. Data from day 3199 (01/12/2005) to 3205 (07/12/2005) are not reliable.

SECTION Borehole SF22

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



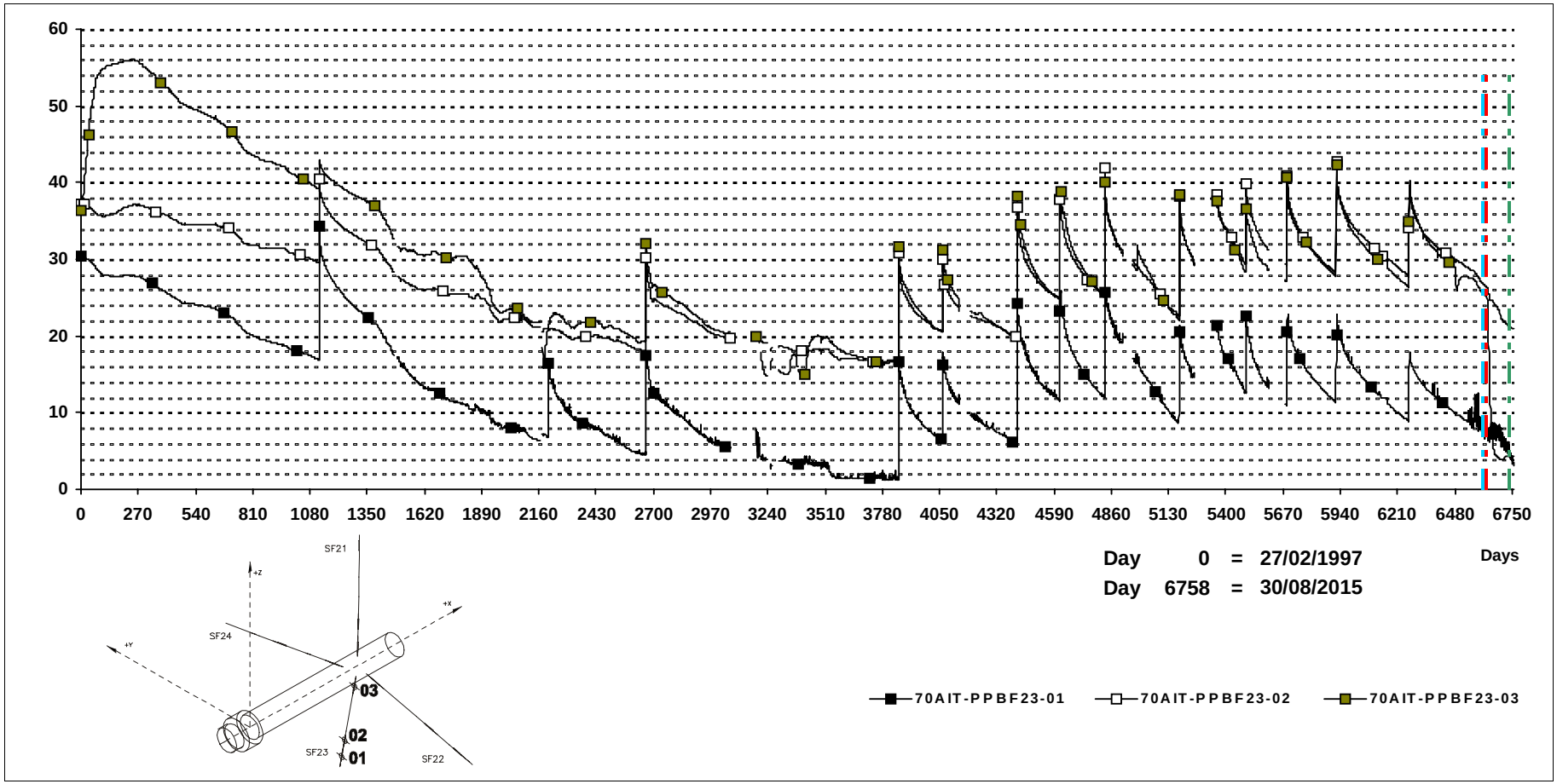
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBF22-02 & 70AIT-PPBF22-03: Data from day 3064 (19/07/2005) to 3183 (15/11/2005) are not reliable. Data from day 3199 (01/12/2005) to 3205 (07/12/2005) are not reliable.

SECTION Borehole SF23

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



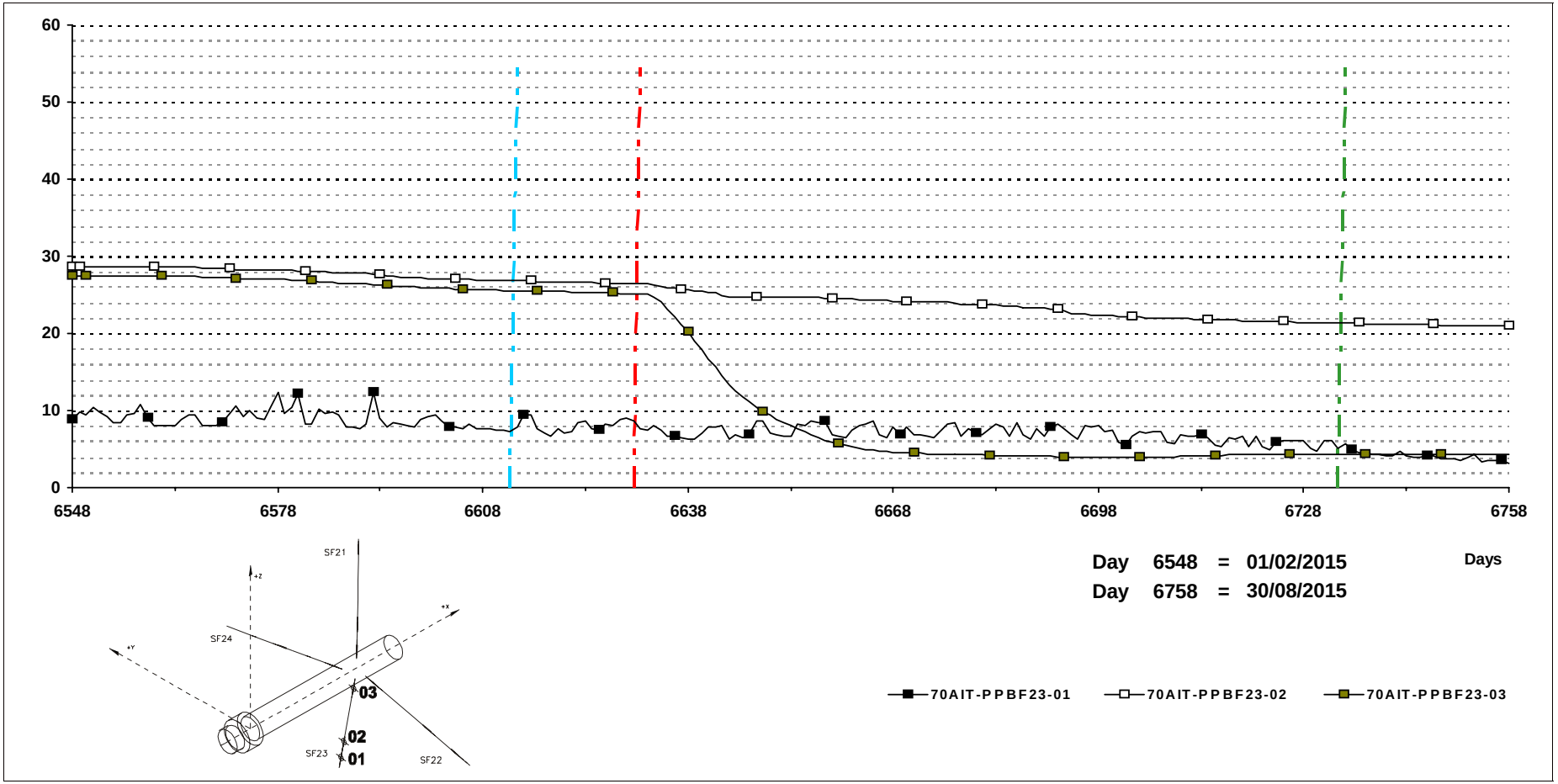
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBF23-01 & 70AIT-PPBF23-02 & 70AIT-PPBF23-03: Data from day 3064 (19/07/2005) to 3183 (15/11/2005) are not reliable. Data from day 3199 (01/12/2005) to 3205 (07/12/2005) are not reliable. Data from day 3238 (09/01/2006) to 3251 (22/01/2006) are not reliable. Data from day 3259 (30/01/2006) to 3288 (28/02/2006) are not reliable.

SECTION Borehole SF23

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



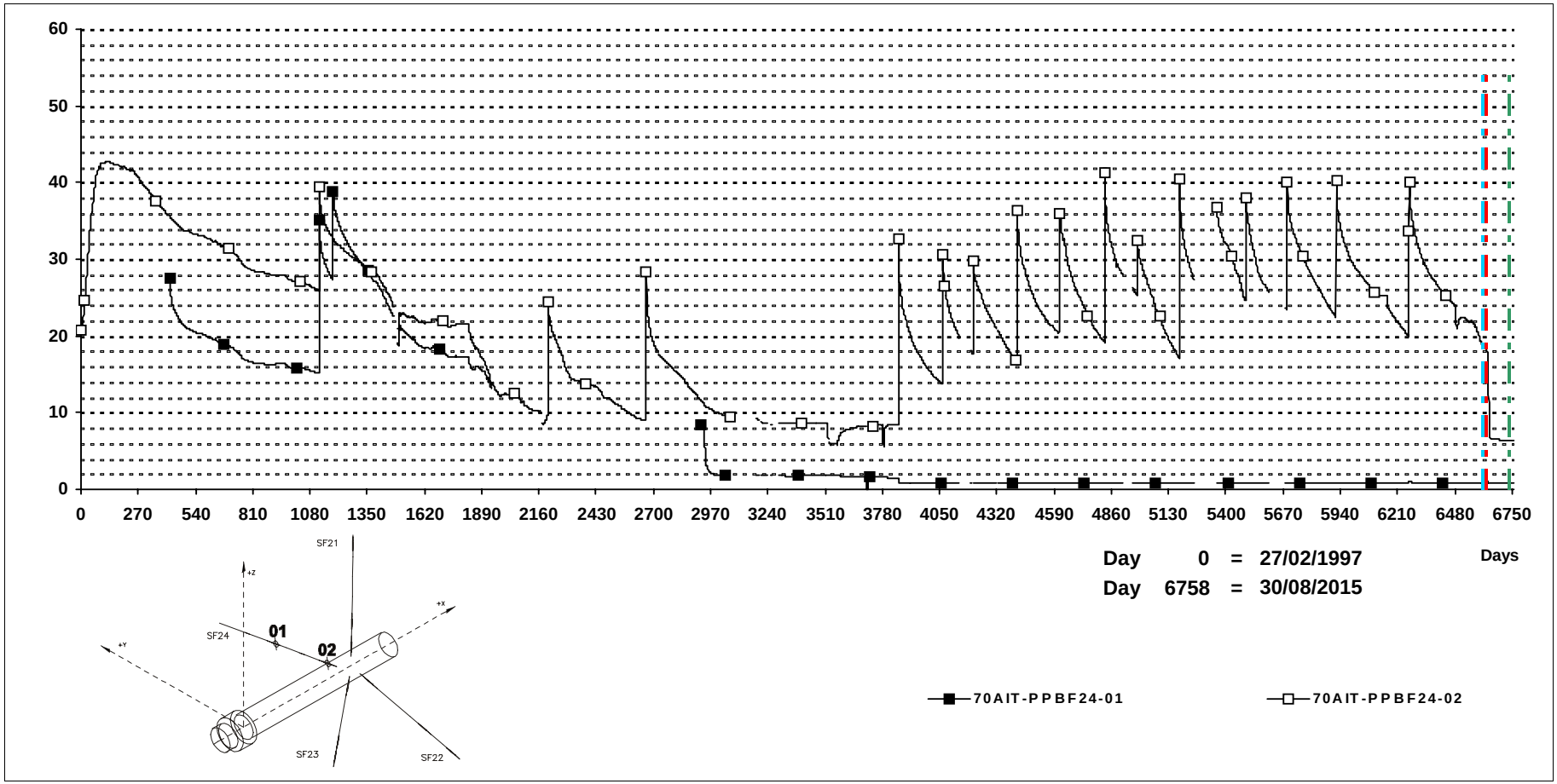
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBF23-01 & 70AIT-PPBF23-02 & 70AIT-PPBF23-03: Data from day 3064 (19/07/2005) to 3183 (15/11/2005) are not reliable. Data from day 3199 (01/12/2005) to 3205 (07/12/2005) are not reliable. Data from day 3238 (09/01/2006) to 3251 (22/01/2006) are not reliable. Data from day 3259 (30/01/2006) to 3288 (28/02/2006) are not reliable.

SECTION Borehole SF24

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



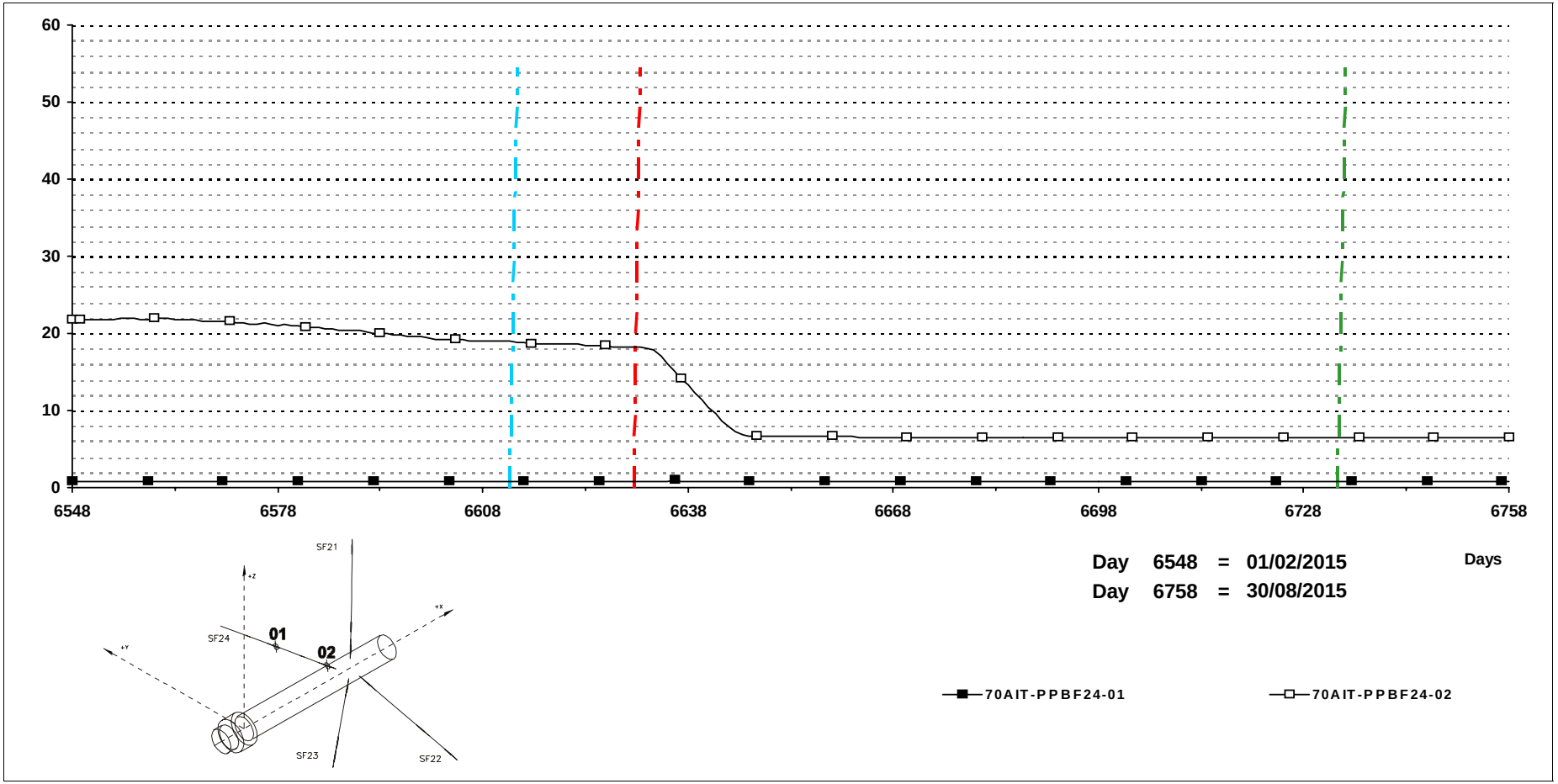
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBF24-01 & 70AIT-PPBF24-02: Data from day 3064 (19/07/2005) to 3183 (15/11/2005) are not reliable. Data from day 3259 (30/01/2006) to 3288 (28/02/2006) are not reliable.

SECTION Borehole SF24

SENSOR TYPE: Packer pressure.

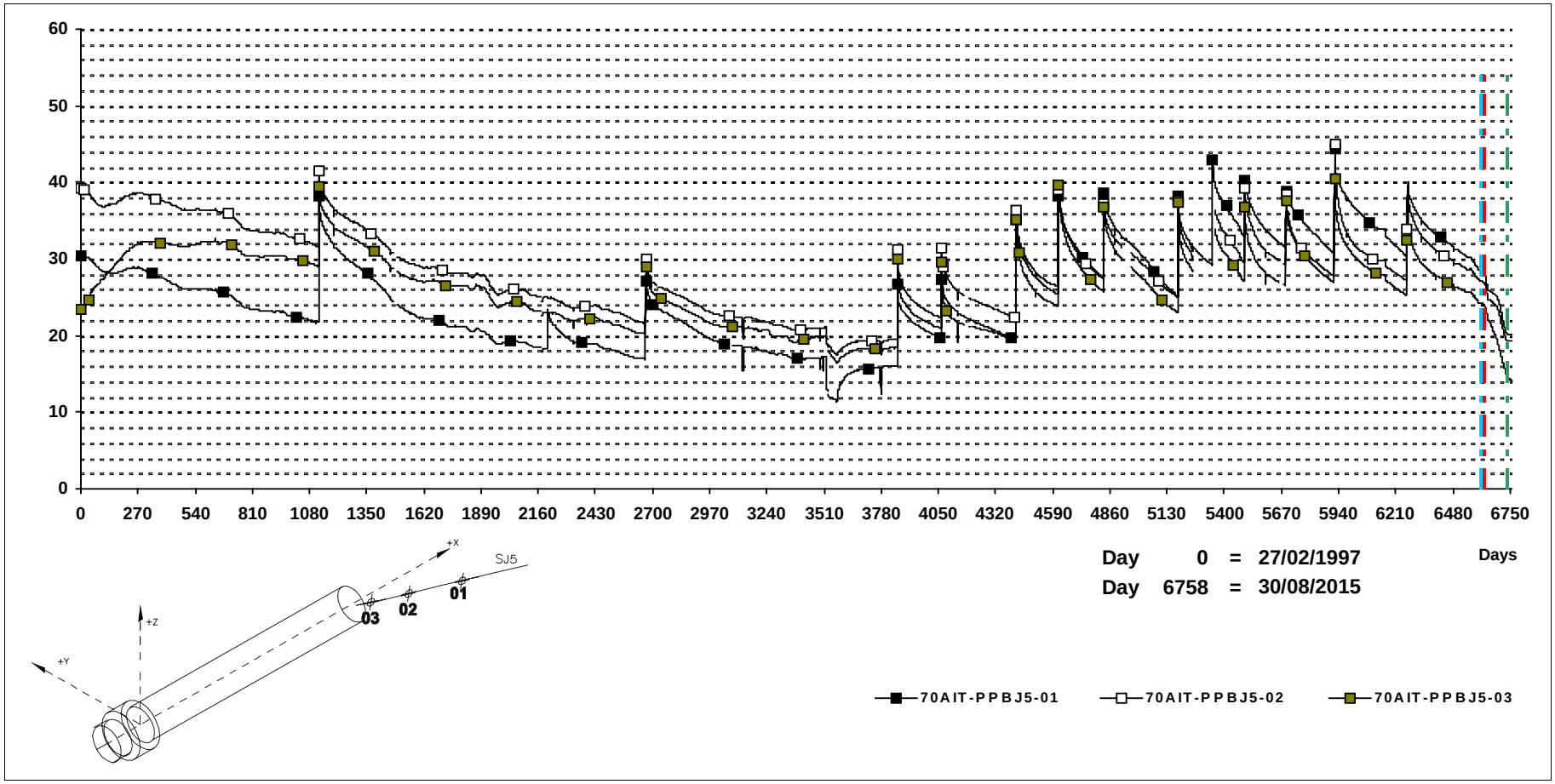
UNITS: kPa · 100



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBF24-01 & 70AIT-PPBF24-02: Data from day 3064 (19/07/2005) to 3183 (15/11/2005) are not reliable. Data from day 3259 (30/01/2006) to 3288 (28/02/2006) are not reliable.

SECTION Borehole SJ5 ***SENSOR TYPE: Packer pressure.*** ***UNITS: kPa · 100***



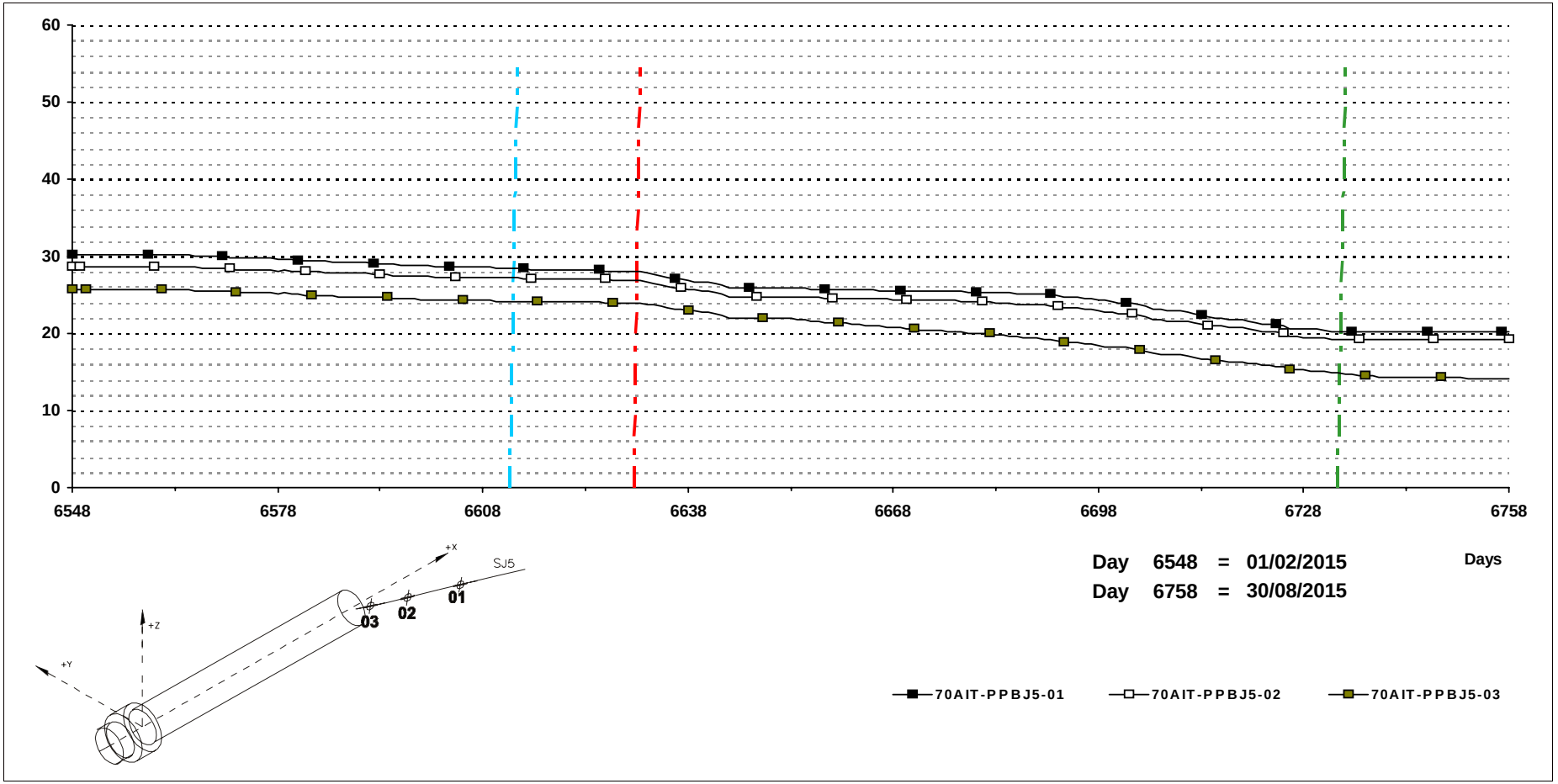
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBJ5-02 & 03: No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).

SECTION Borehole SJ5

SENSOR TYPE: Packer pressure.

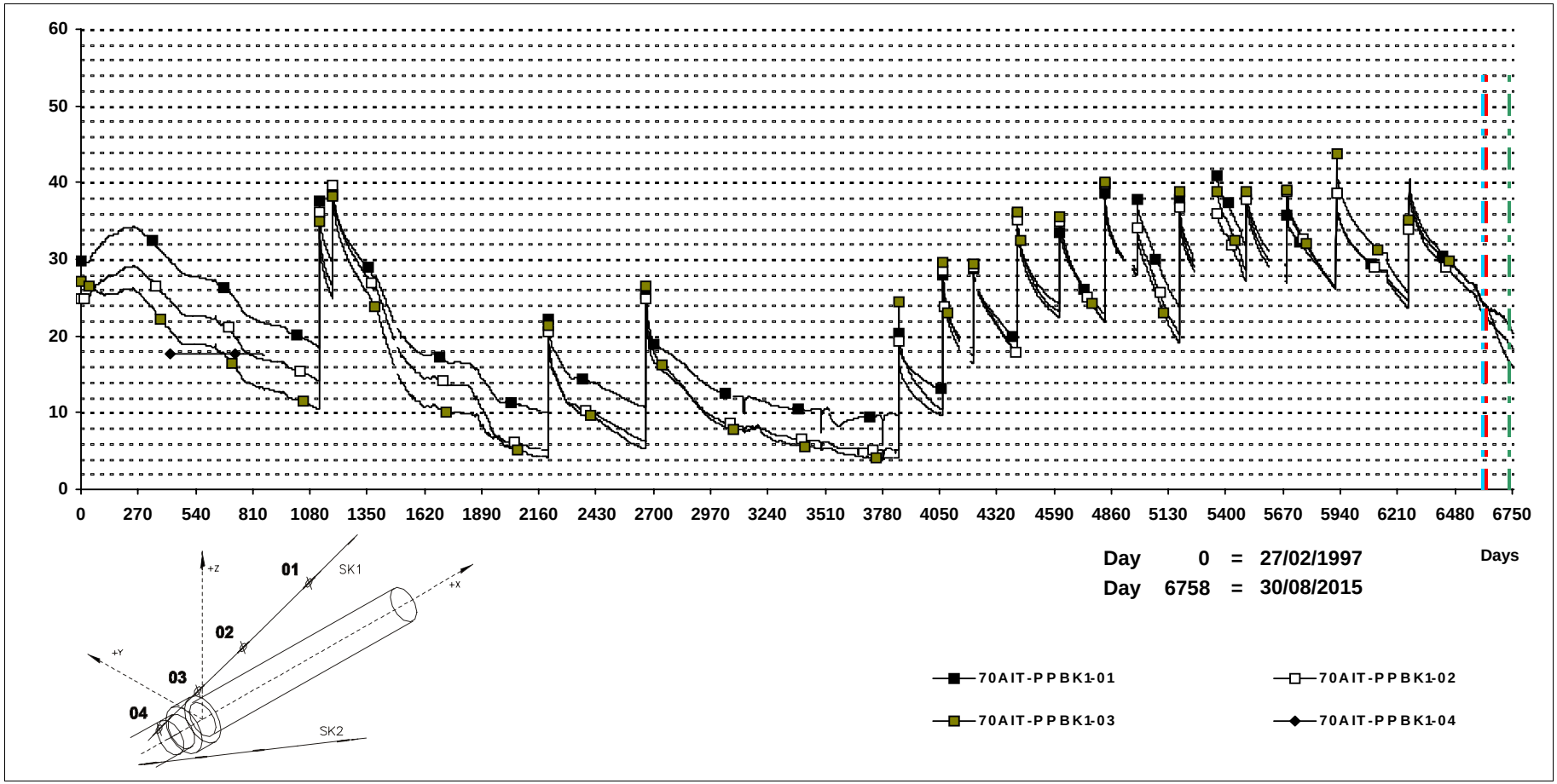
UNITS: kPa · 100



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBJ5-02 & 03: No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).

SECTION Borehole SK1 ***SENSOR TYPE: Packer pressure.*** ***UNITS: kPa · 100***



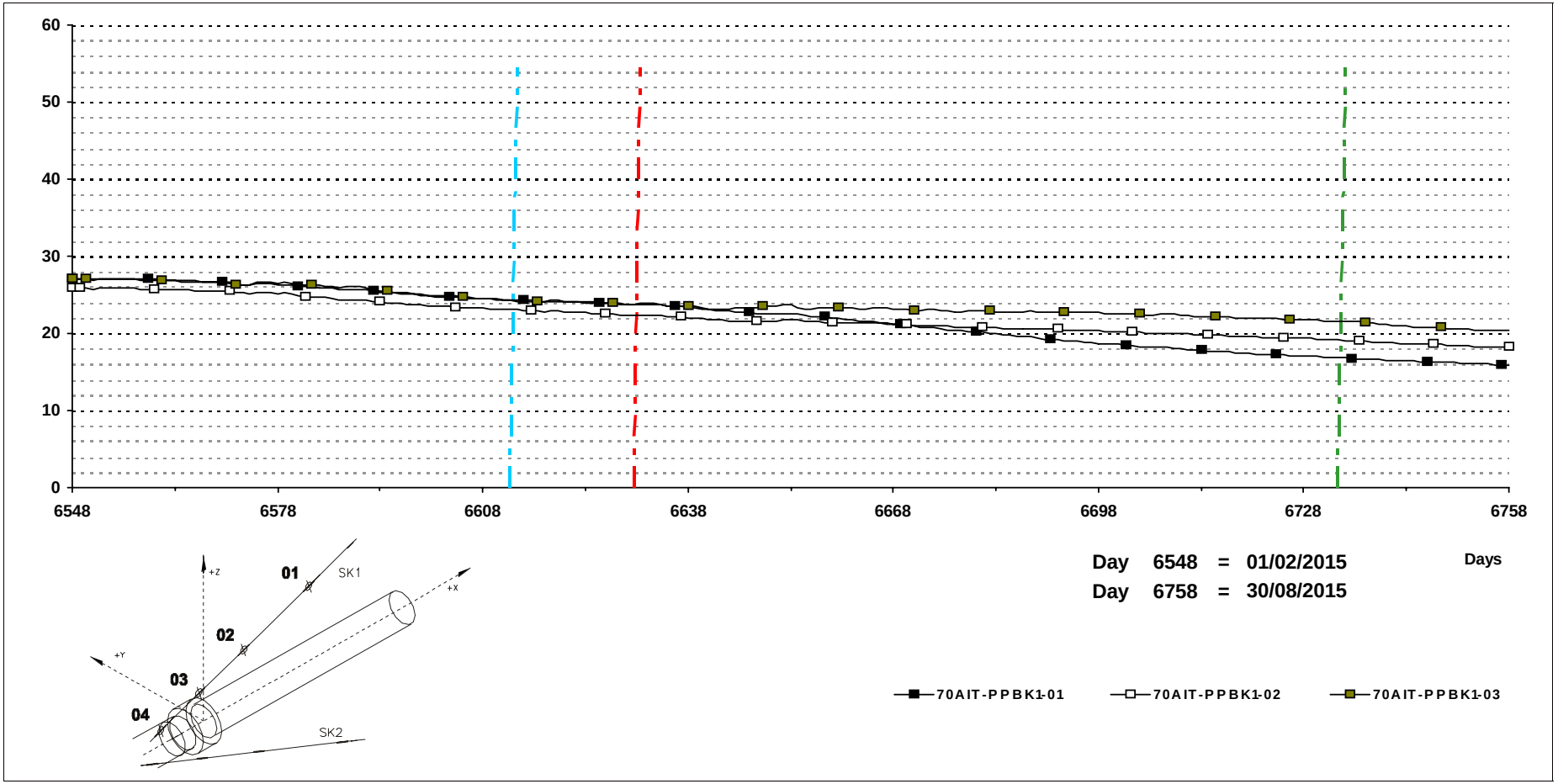
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBK1-04: Real value was bigger than measured before day 421 (24/04/1998) (data measured are not reliable). The sensor was purged on day 421 (24/04/1998). Data from day 866 (13/07/1999) are not reliable.

SECTION Borehole SK1

SENSOR TYPE: Packer pressure.

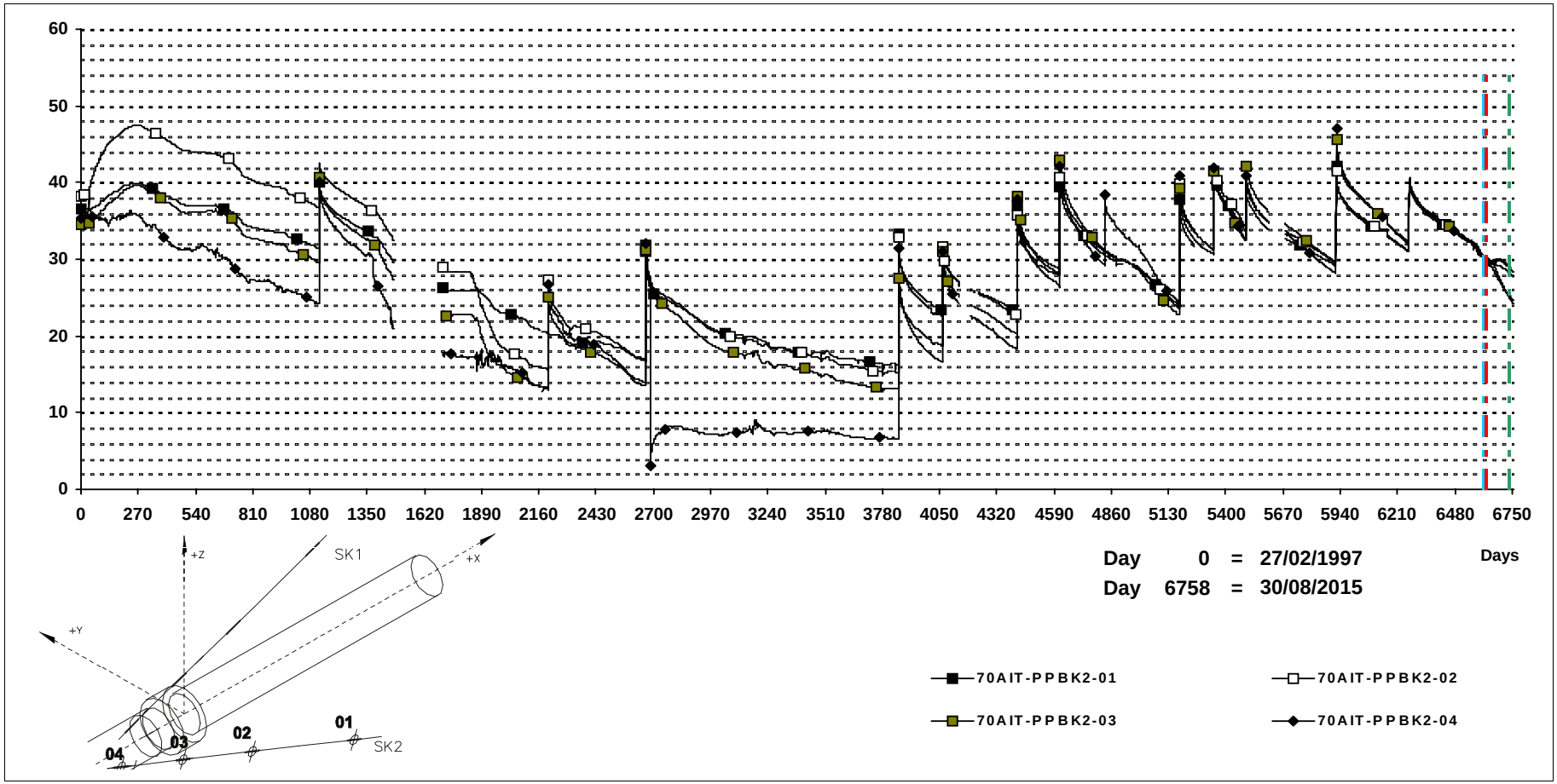
UNITS: kPa · 100



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-PPBK1-04: Real value was bigger than measured before day 421 (24/04/1998) (data measured are not reliable). The sensor was purged on day 421 (24/04/1998). Data from day 866 (13/07/1999) are not reliable.

SECTION Borehole SK2 ***SENSOR TYPE: Packer pressure.*** ***UNITS: kPa · 100***



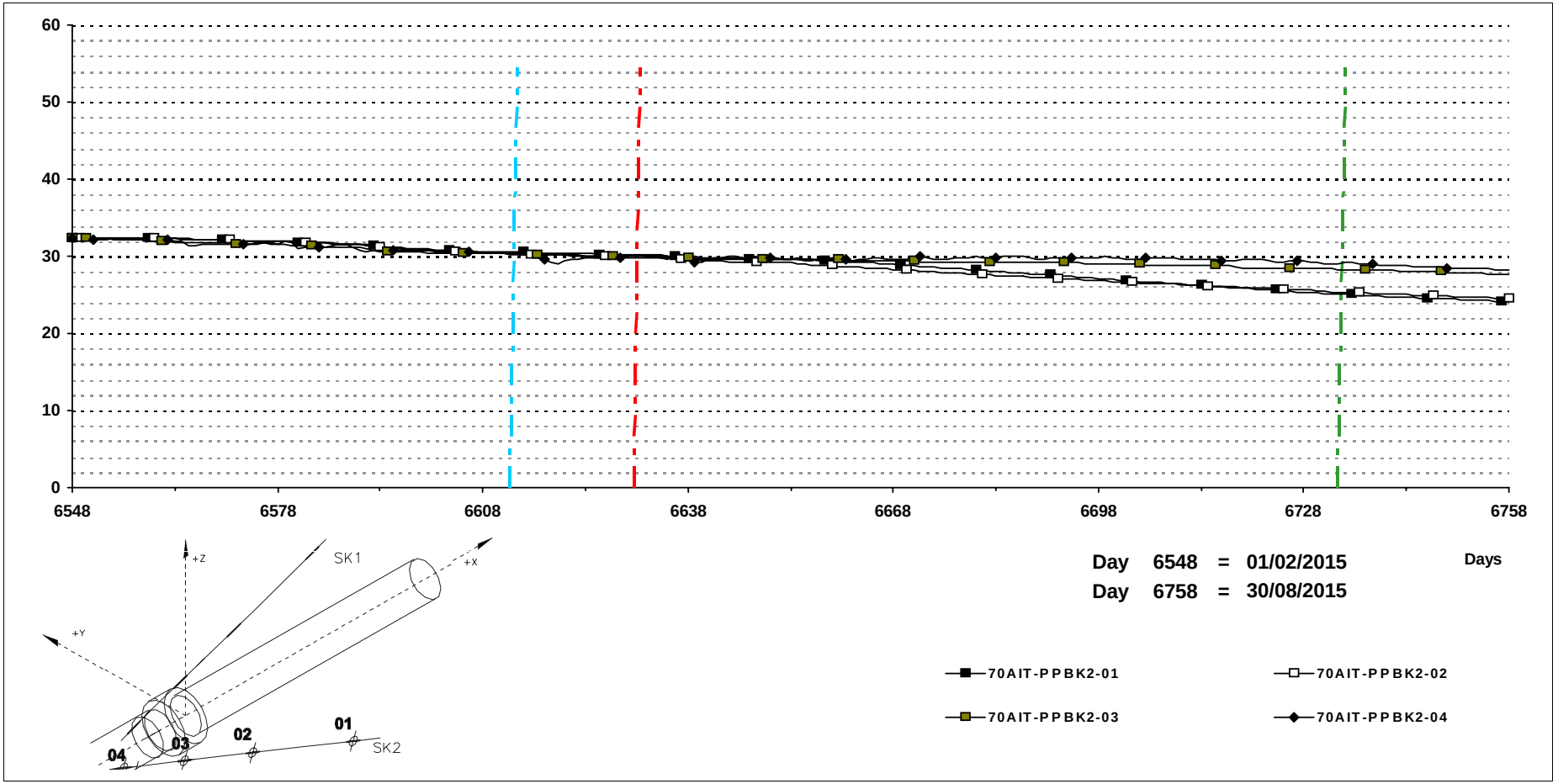
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03)..
70-AIT-PPBK2-04: Pressure plunge on day 2689 (09/07/04) due to erroneous valve opening.
70AIT-PPBK2-01 & 70AIT-PPBK2-02 & 70AIT-PPBK2-03 & 70AIT-PPBK2-04: Data from day 1477 (15/03/2001) to 1706 (30/10/2001) are not reliable.

SECTION Borehole SK2

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



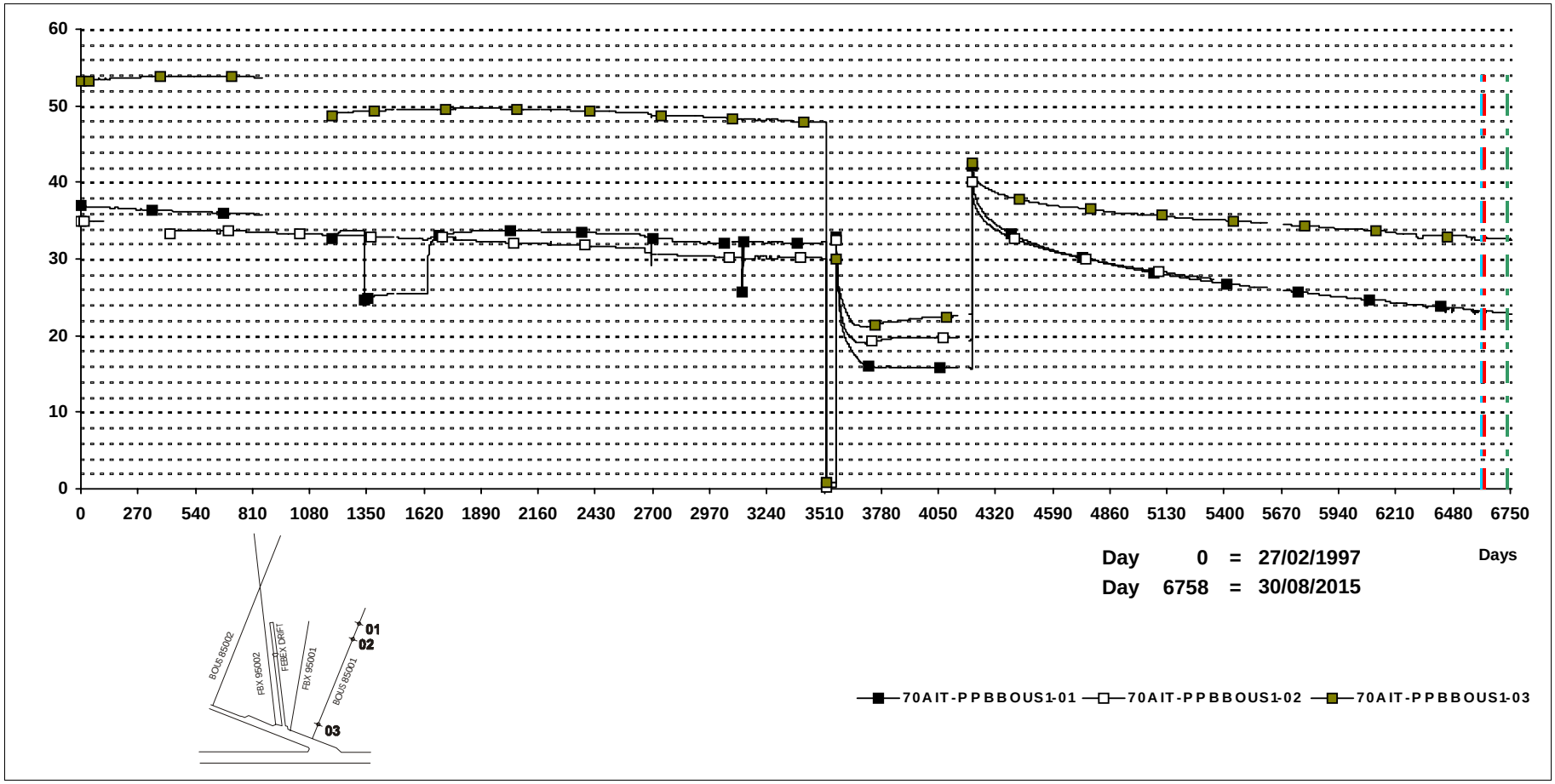
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 1122 (25/03/00), 1189 (31/05/00), 2206 (14/03/03) and 2667 (17/06/04).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03)..
70-AIT-PPBK2-04: Pressure plunge on day 2689 (09/07/04) due to erroneous valve opening.
70AIT-PPBK2-01 & 70AIT-PPBK2-02 & 70AIT-PPBK2-03 & 70AIT-PPBK2-04: Data from day 1477 (15/03/2001) to 1706 (30/10/2001) are not reliable.

SECTION BOUS1

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100

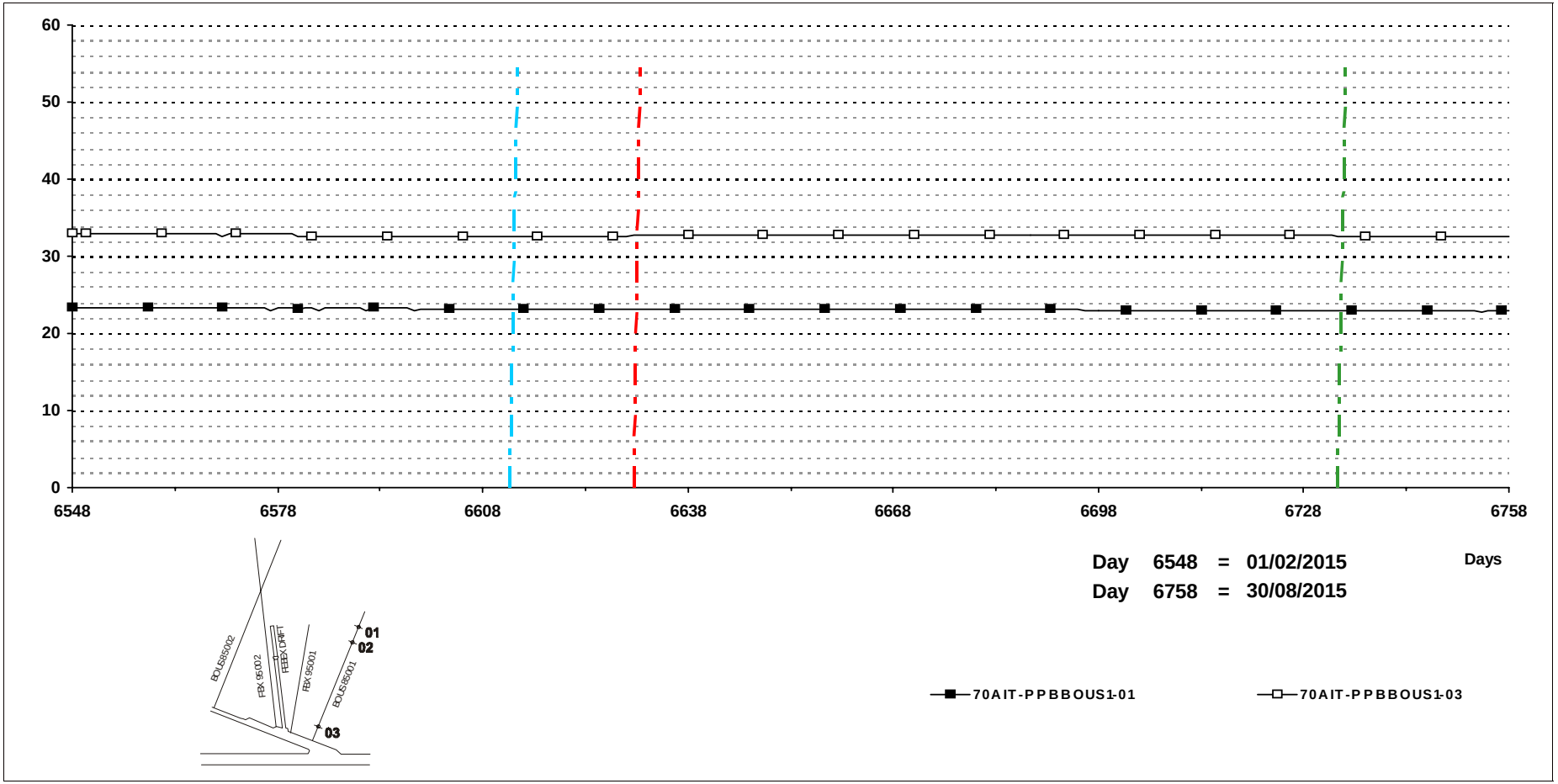


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBBOUS1-01: Out of order from day 858 (05/07/1999) to 1188 (30/05/2000). The sensor was changed on day 1189 (31/05/2000).
70AIT-PPBBOUS1-02: Out of order from day 110 (17/06/1997) to 420 (23/04/1998). The sensor was changed on day 421 (24/04/1998). Data from day 5354 (26/10/2011) are not reliable.
70AIT-PPBBOUS1-03: Out of order from day 858 (05/07/1999) to 1188 (30/05/2000). The sensor was changed on day 1189 (31/05/2000).

SECTION BOUS1

SENSOR TYPE: Packer pressure. ***UNITS: kPa · 100***



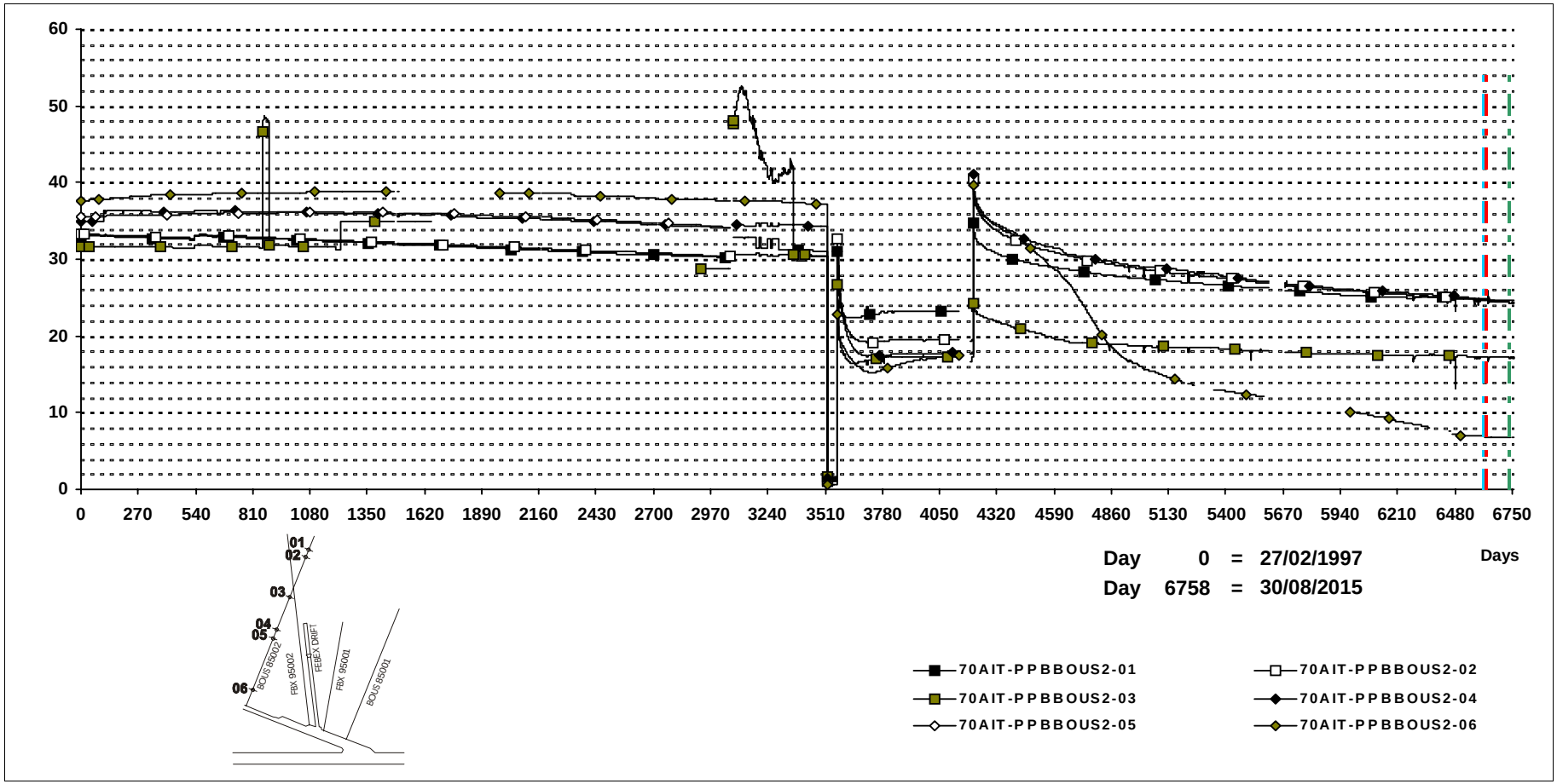
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBBOUS1-01: Out of order from day 858 (05/07/1999) to 1188 (30/05/2000). The sensor was changed on day 1189 (31/05/2000).
70AIT-PPBBOUS1-02: Out of order from day 110 (17/06/1997) to 420 (23/04/1998). The sensor was changed on day 421 (24/04/1998). Data from day 5354 (26/10/2011) are not reliable.
70AIT-PPBBOUS1-03: Out of order from day 858 (05/07/1999) to 1188 (30/05/2000). The sensor was changed on day 1189 (31/05/2000).

SECTION BOUS2

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



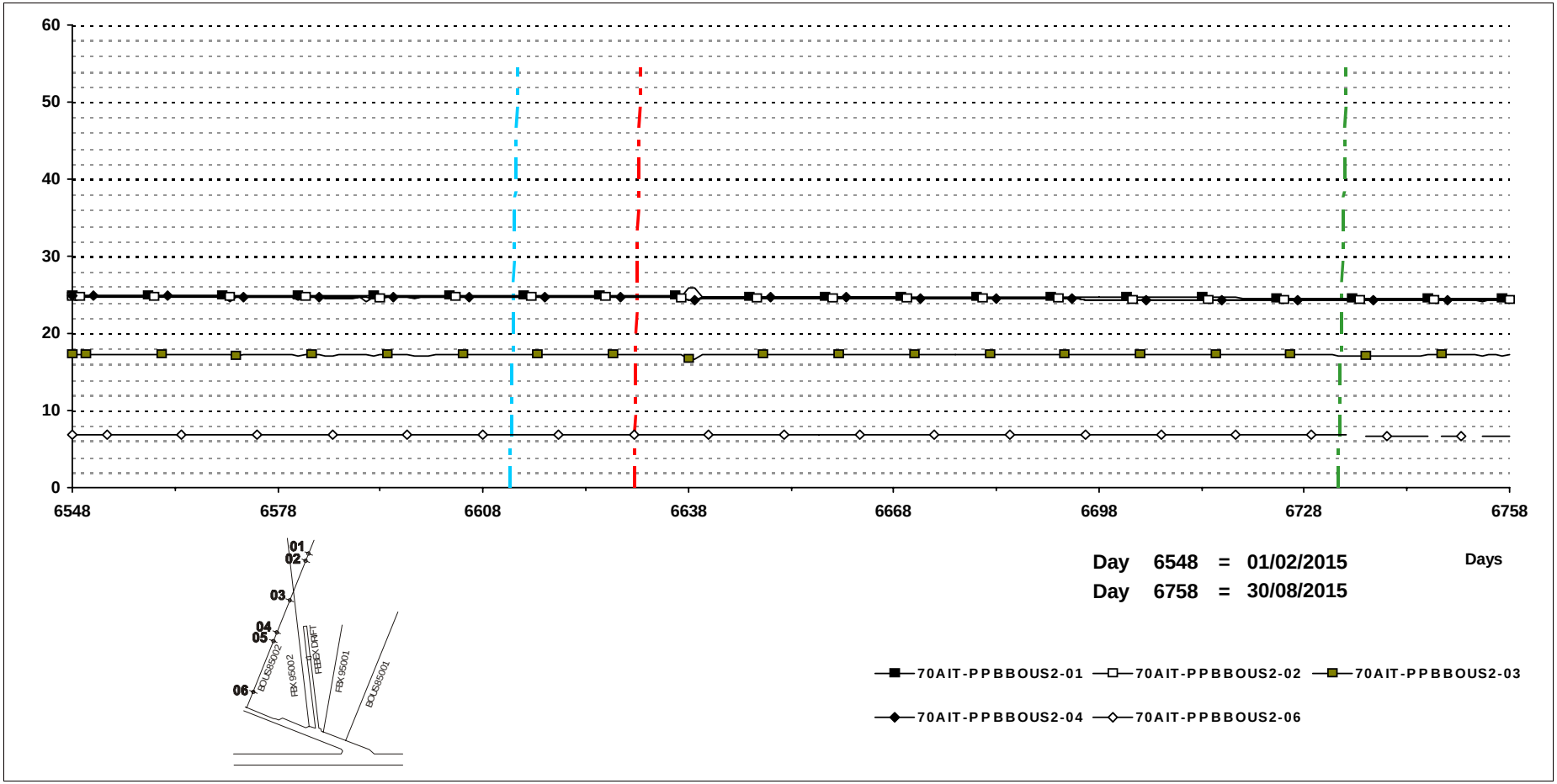
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBBOUS2-03: Data from day 1652 (06/09/2001) to 2923 (28/02/2005) are not reliable.
70AIT-PPBBOUS2-06: Data from day 1499 (06/04/2001) to 1972 (23/07/2002) are not reliable. Data from day 5580 (08/06/2012) are not reliable.

SECTION BOUS2

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100



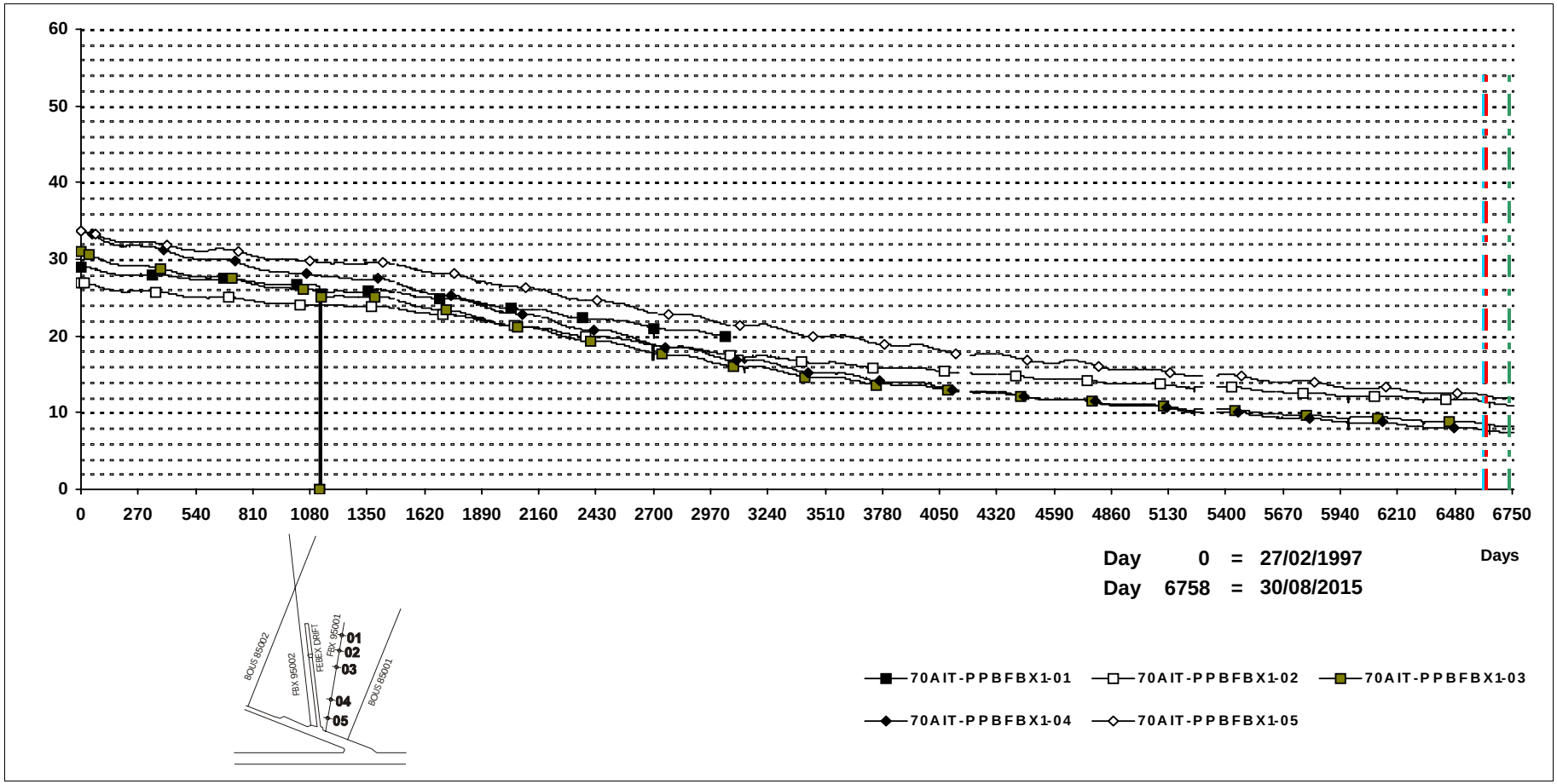
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBBOUS2-03: Data from day 1652 (06/09/2001) to 2923 (28/02/2005) are not reliable.
70AIT-PPBBOUS2-06: Data from day 1499 (06/04/2001) to 1972 (23/07/2002) are not reliable. Data from day 5580 (08/06/2012) are not reliable.

SECTION FBX1

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100

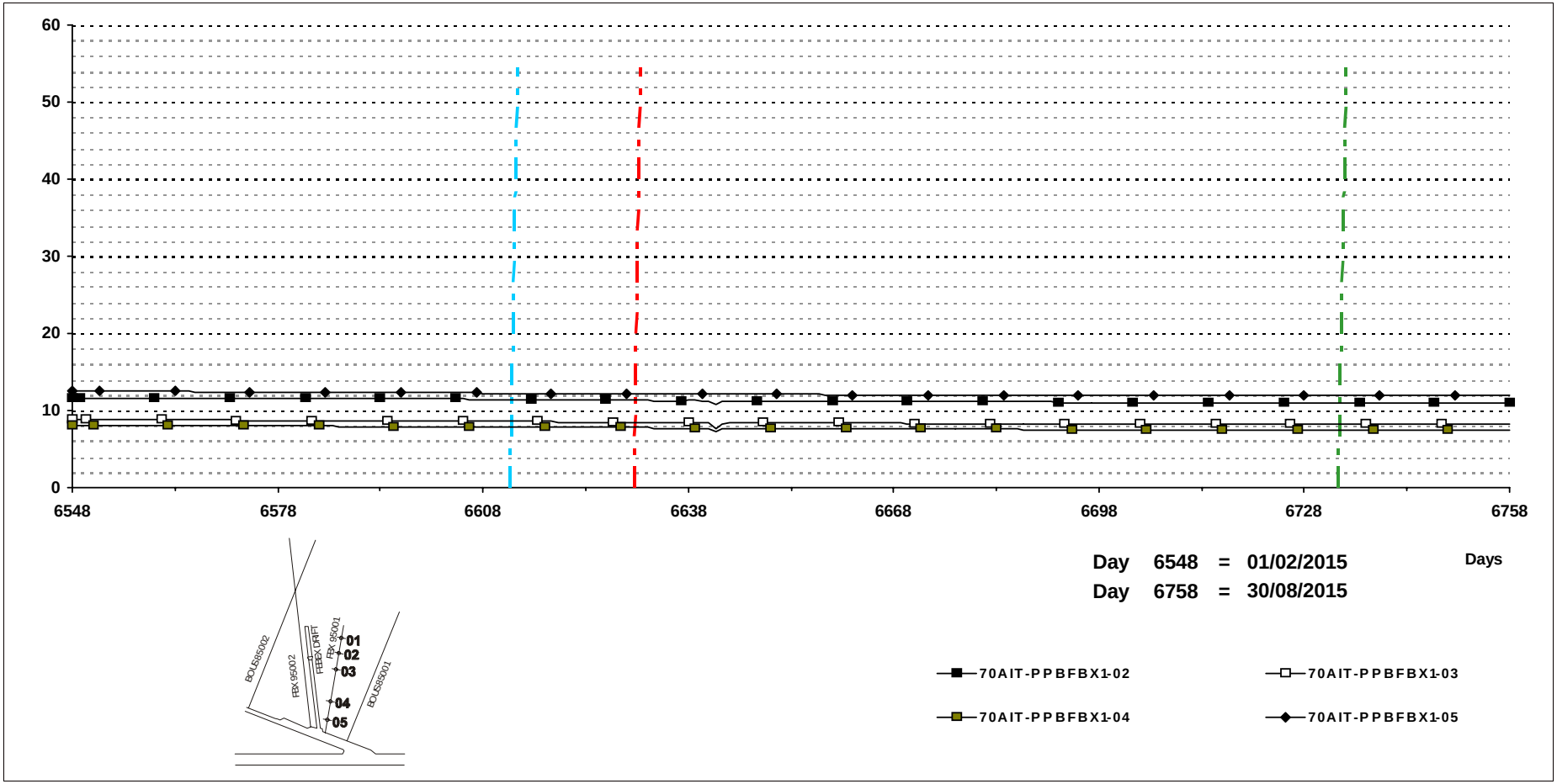


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBFBX1-01: Data from day 3064 (19/07/2005) are not reliable.

SECTION FBX1

SENSOR TYPE: Packer pressure. ***UNITS: kPa · 100***



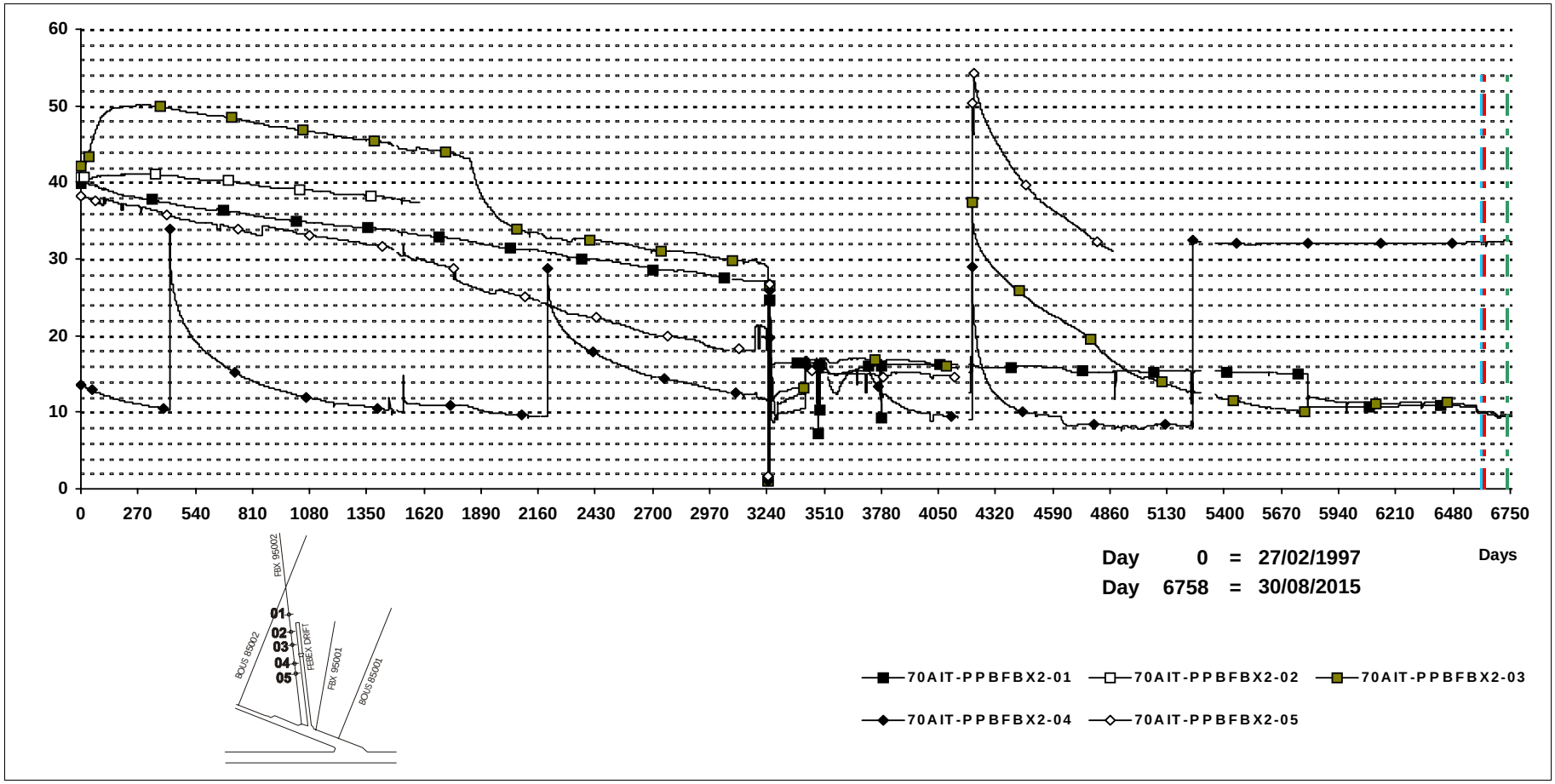
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBFBX1-01: Data from day 3064 (19/07/2005) are not reliable.

SECTION FBX2

SENSOR TYPE: Packer pressure.

UNITS: kPa · 100

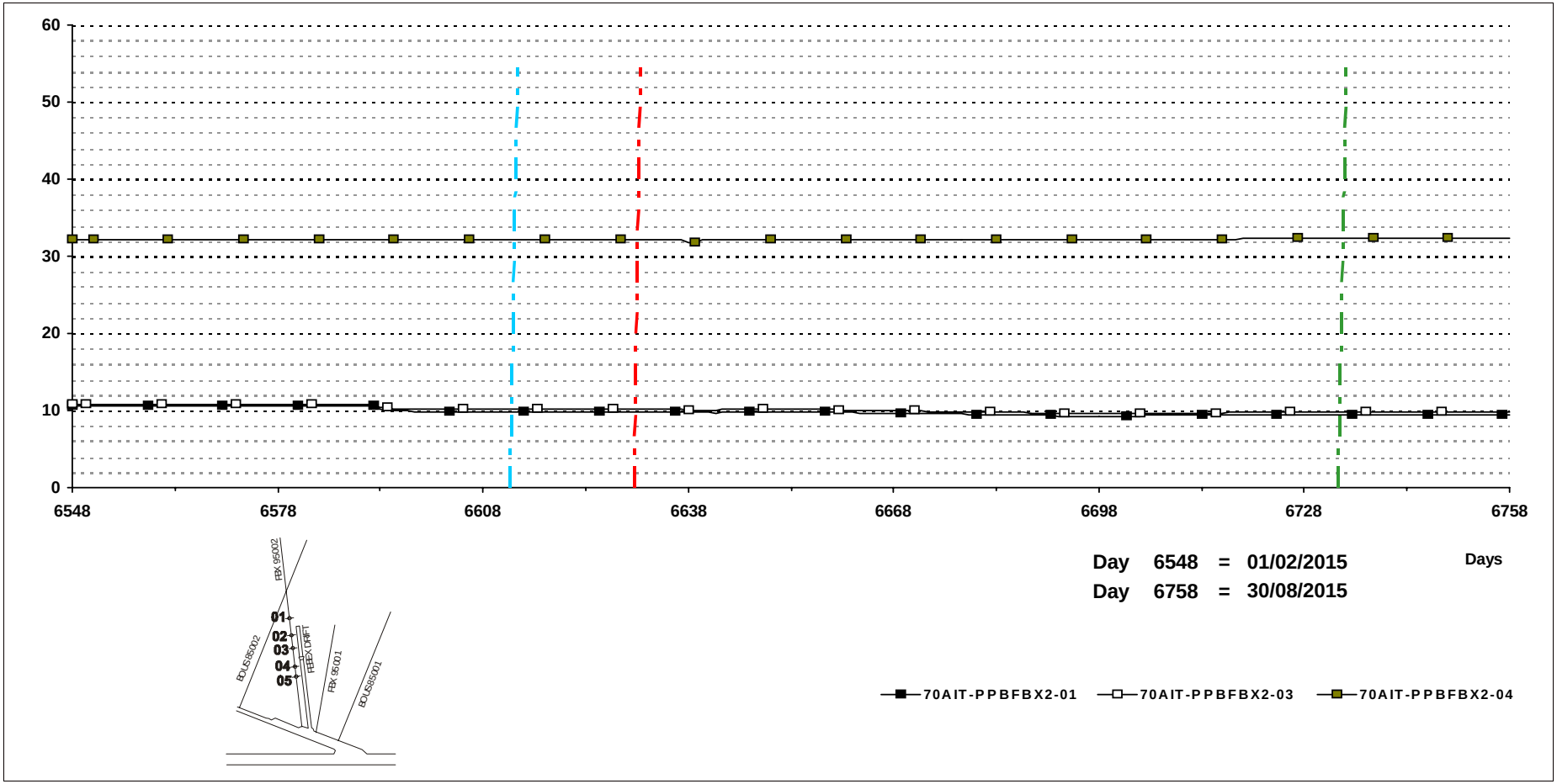


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 421 (24/04/98) and 2206 (14/03/03).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBFBX2-02: Data from day 1603 (19/07/2001) are not reliable.
70AIT-PPBFBX2-05: Data from day 4877 (06/07/2010) are not reliable.

SECTION FBX2

SENSOR TYPE: Packer pressure. ***UNITS: kPa · 100***



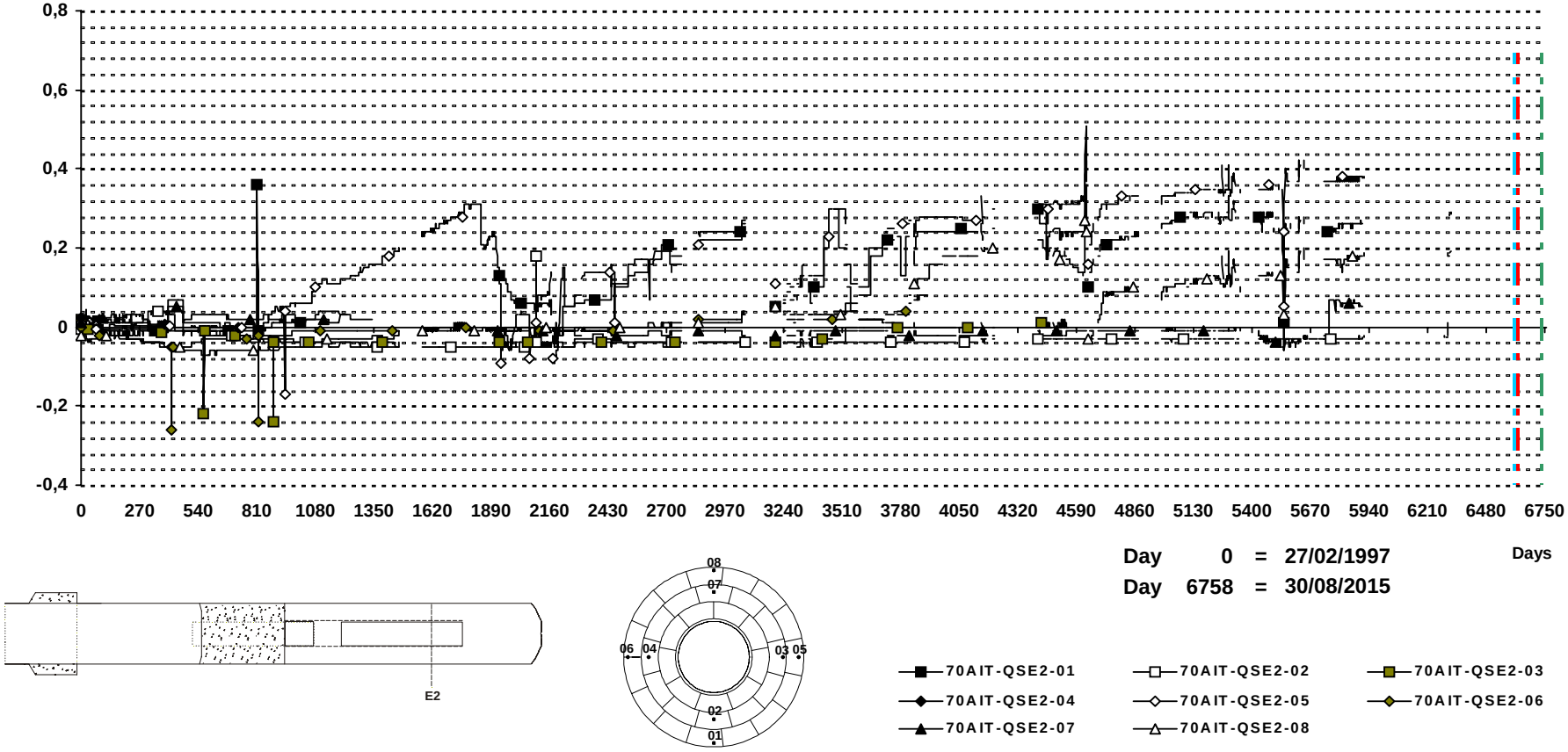
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Packer re-inflation on days 421 (24/04/98) and 2206 (14/03/03).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-PPBFBX2-02: Data from day 1603 (19/07/2001) are not reliable.
70AIT-PPBFBX2-05: Data from day 4877 (06/07/2010) are not reliable.

SECTION E2

SENSOR TYPE: Pore pressure.

UNITS: MPa

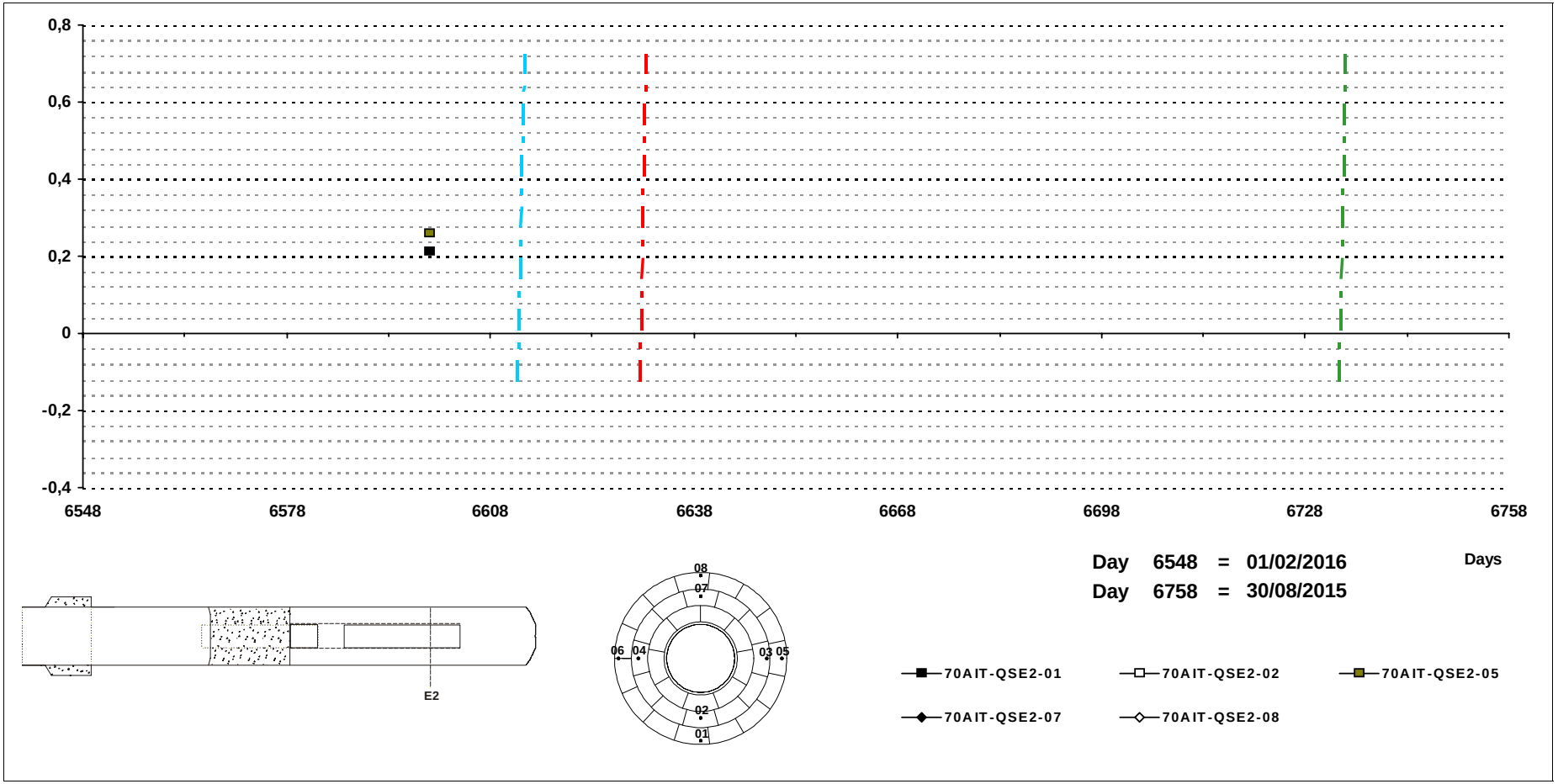


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data from day 2769 (27/09/04) to 2845 (12/12/04), and from day 3064 (19/07/05) to day 3198 (30/11/05). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-QSE2-03: Out of order from day 4549 (12/08/2009).
70AIT-QSE2-04: Out of order from day 778 (16/04/1999).
70AIT-QSE2-06: Out of order from day 3907 (09/11/2007).

SECTION E2

SENSOR TYPE: Pore pressure. ***UNITS: MPa***

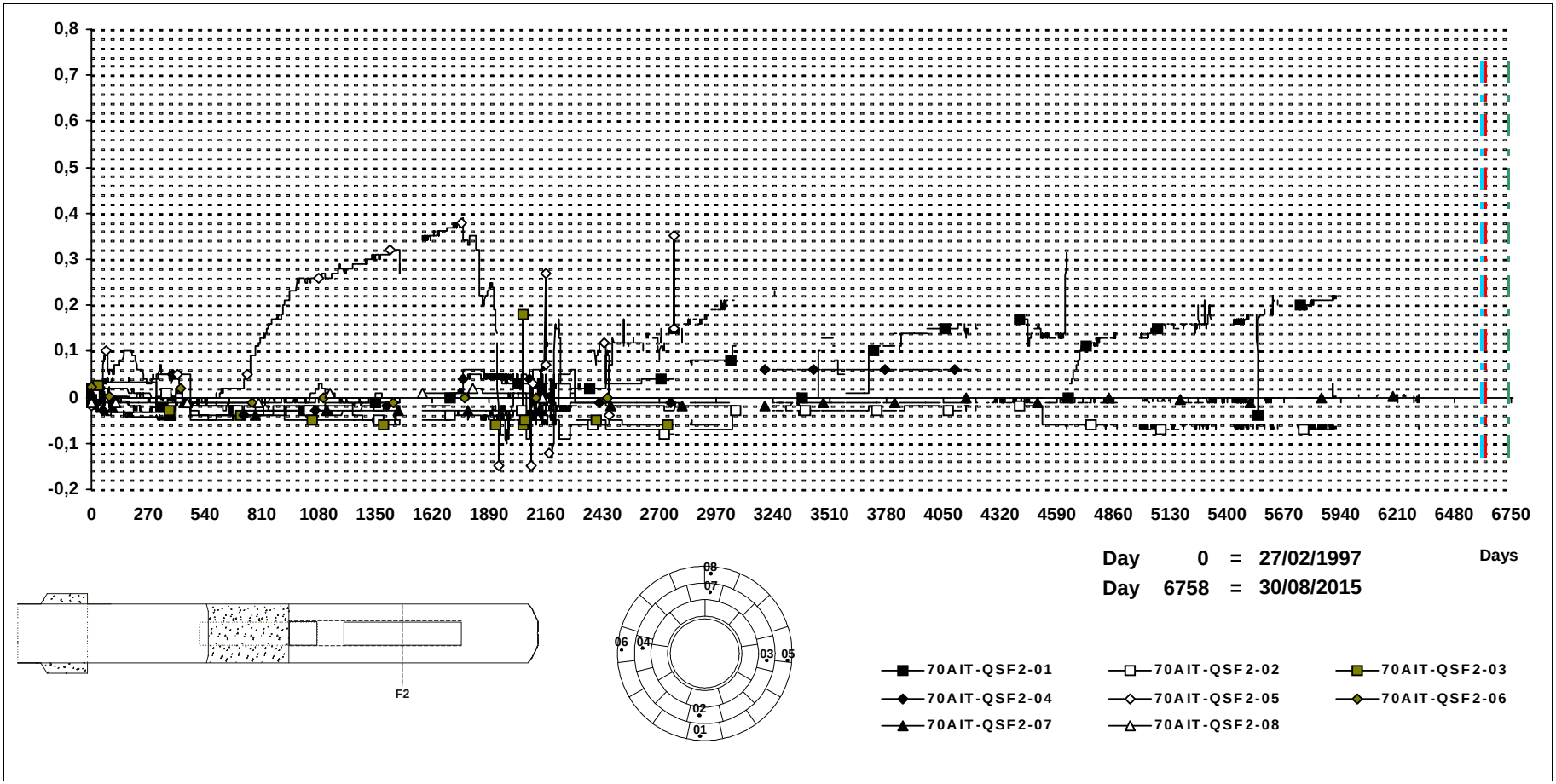


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data from day 2769 (27/09/04) to 2845 (12/12/04), and from day 3064 (19/07/05) to day 3198 (30/11/05). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-QSE2-03: Out of order from day 4549 (12/08/2009).
70AIT-QSE2-04: Out of order from day 778 (16/04/1999).
70AIT-QSE2-06: Out of order from day 3907 (09/11/2007).

SECTION F2

SENSOR TYPE: Pore pressure. ***UNITS: MPa***

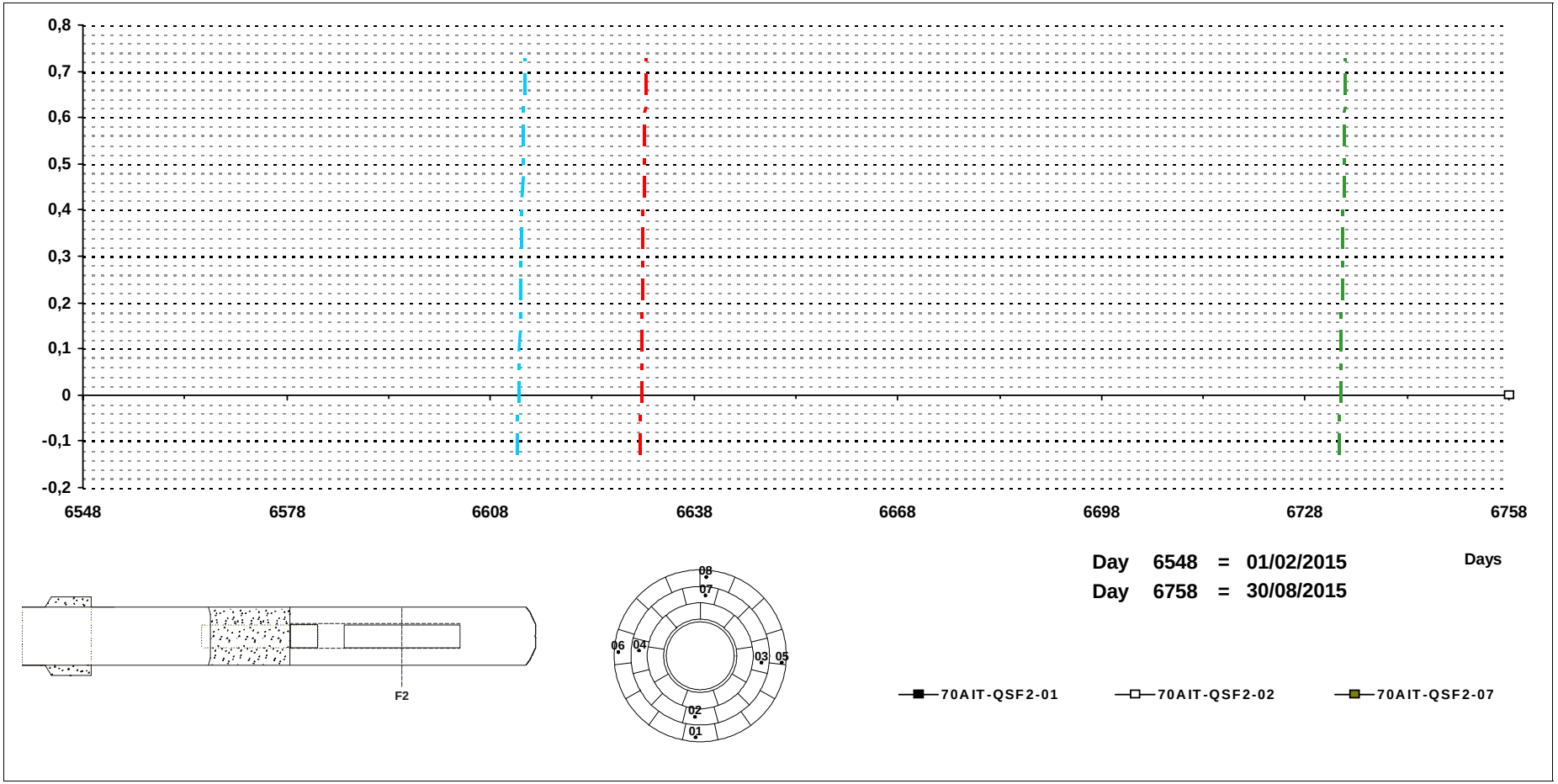


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-QSF2-03: Out of order from day 2989 (05/05/2005).
70AIT-QSF2-04: Out of order from day 4415 (31/03/2009).
70AIT-QSF2-05: Out of order from day 3354 (05/05/2006).
70AIT-QSF2-06: Out of order from day 2764 (22/09/2004).
70AIT-QSF2-08: Out of order from day 2302 (18/06/2003).

SECTION F2

SENSOR TYPE: Pore pressure. ***UNITS: MPa***



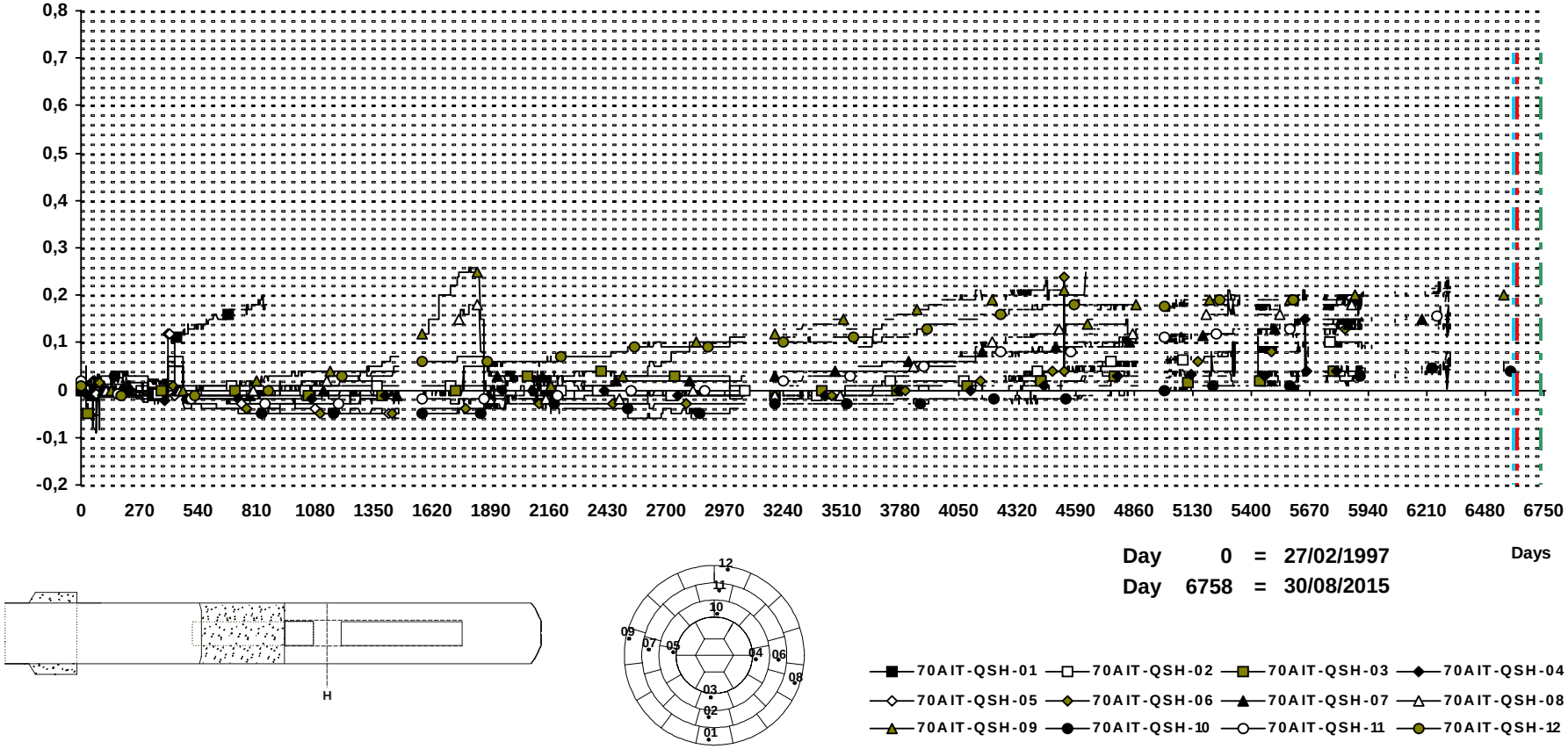
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-QSF2-03: Out of order from day 2989 (05/05/2005).
70AIT-QSF2-04: Out of order from day 4415 (31/03/2009).
70AIT-QSF2-05: Out of order from day 3354 (05/05/2006).
70AIT-QSF2-06: Out of order from day 2764 (22/09/2004).
70AIT-QSF2-08: Out of order from day 2302 (18/06/2003).

SECTION H

SENSOR TYPE: Pore pressure.

UNITS: MPa

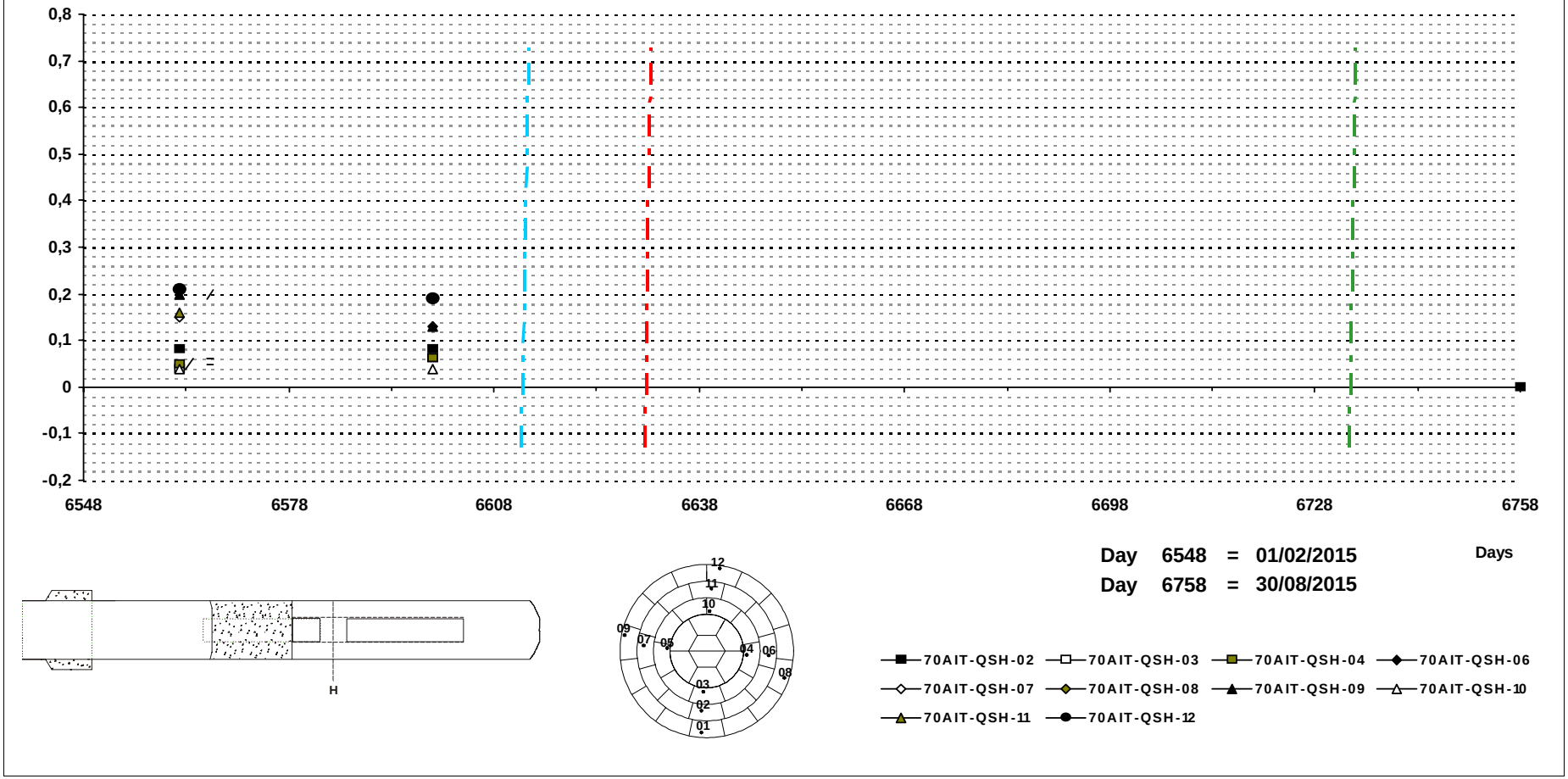


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-QSH-01: Data from day 858 (05/07/1999) are not reliable.
70AIT-QSH-02: Data from day 1954 (05/07/2002) to 2210 (18/03/2003) are not reliable.
70AIT-QSH-05: Data from day 1470 (08/03/2001) are not reliable.

SECTION H

SENSOR TYPE: Pore pressure. ***UNITS: MPa***



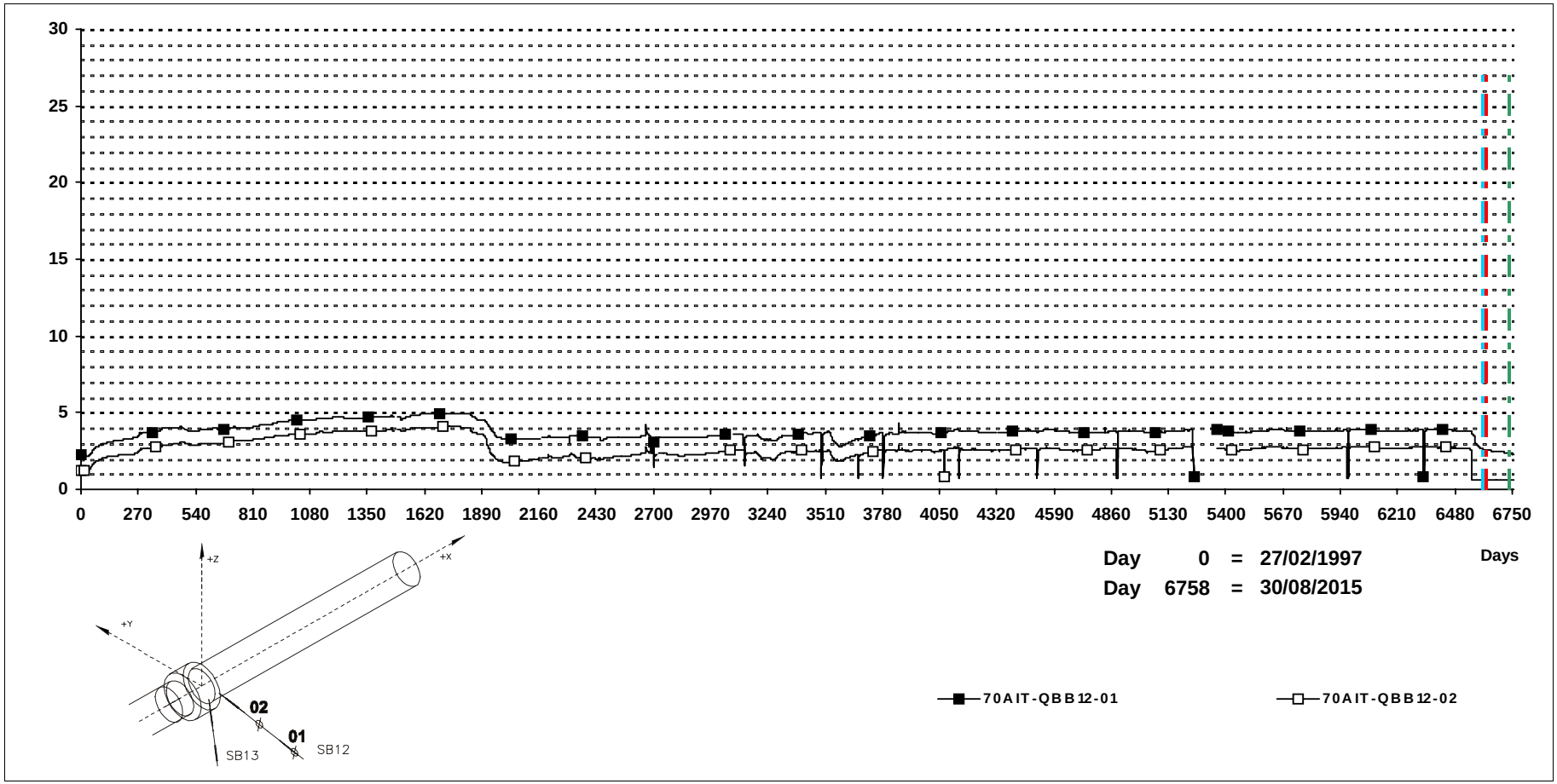
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3064 (19/07/05) to day 3198 (30/11/05). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-QSH-01: Data from day 858 (05/07/1999) are not reliable.
70AIT-QSH-02: Data from day 1954 (05/07/2002) to 2210 (18/03/2003) are not reliable.
70AIT-QSH-05: Data from day 1470 (08/03/2001) are not reliable.

SECTION Borehole SB12

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100

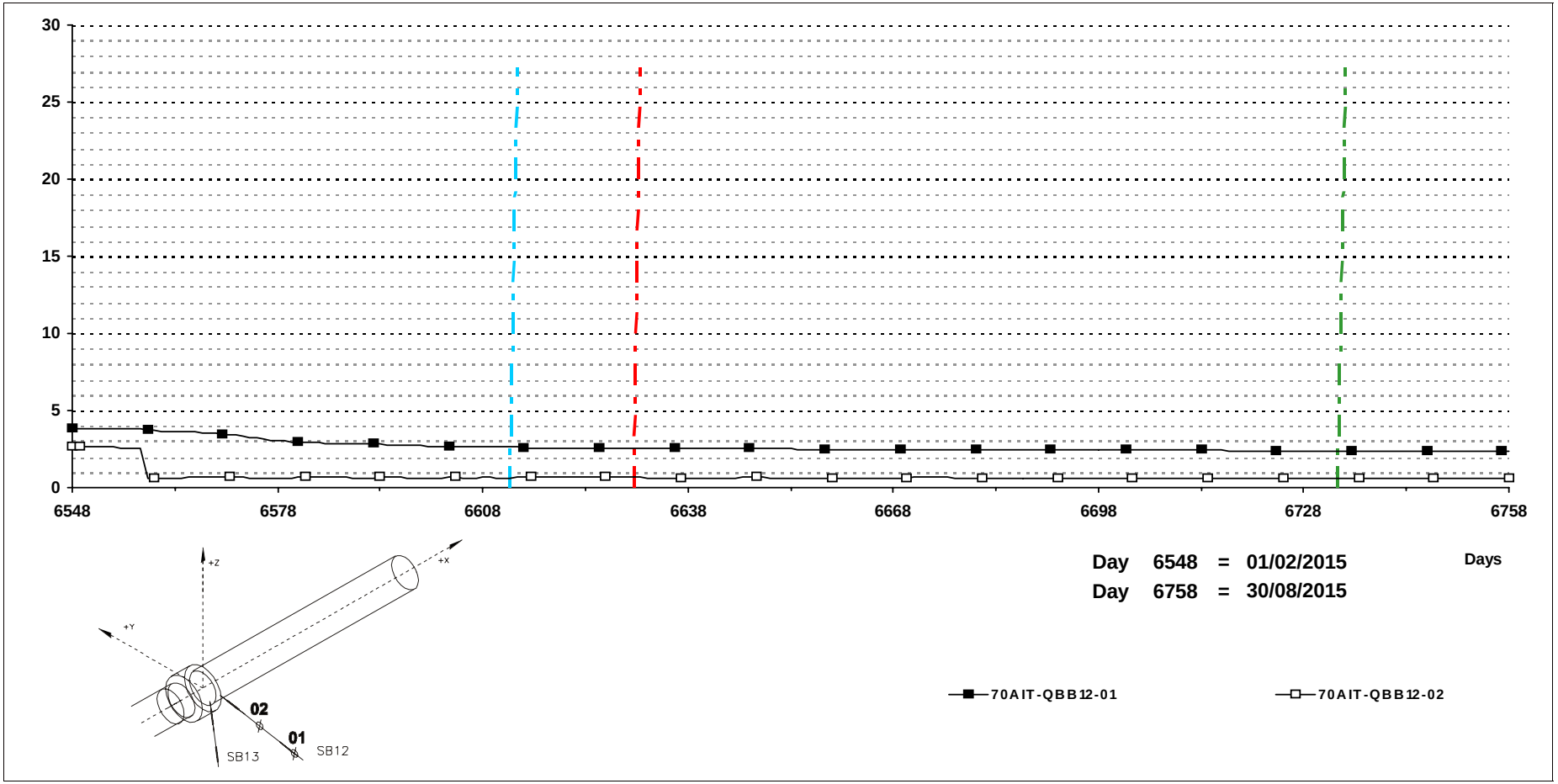


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2703 (23/07/04) affected by water sampling carried out by CIEMAT.

SECTION Borehole SB12

SENSOR TYPE: Hydraulic pressure (borehole). ***UNITS: kPa · 100***



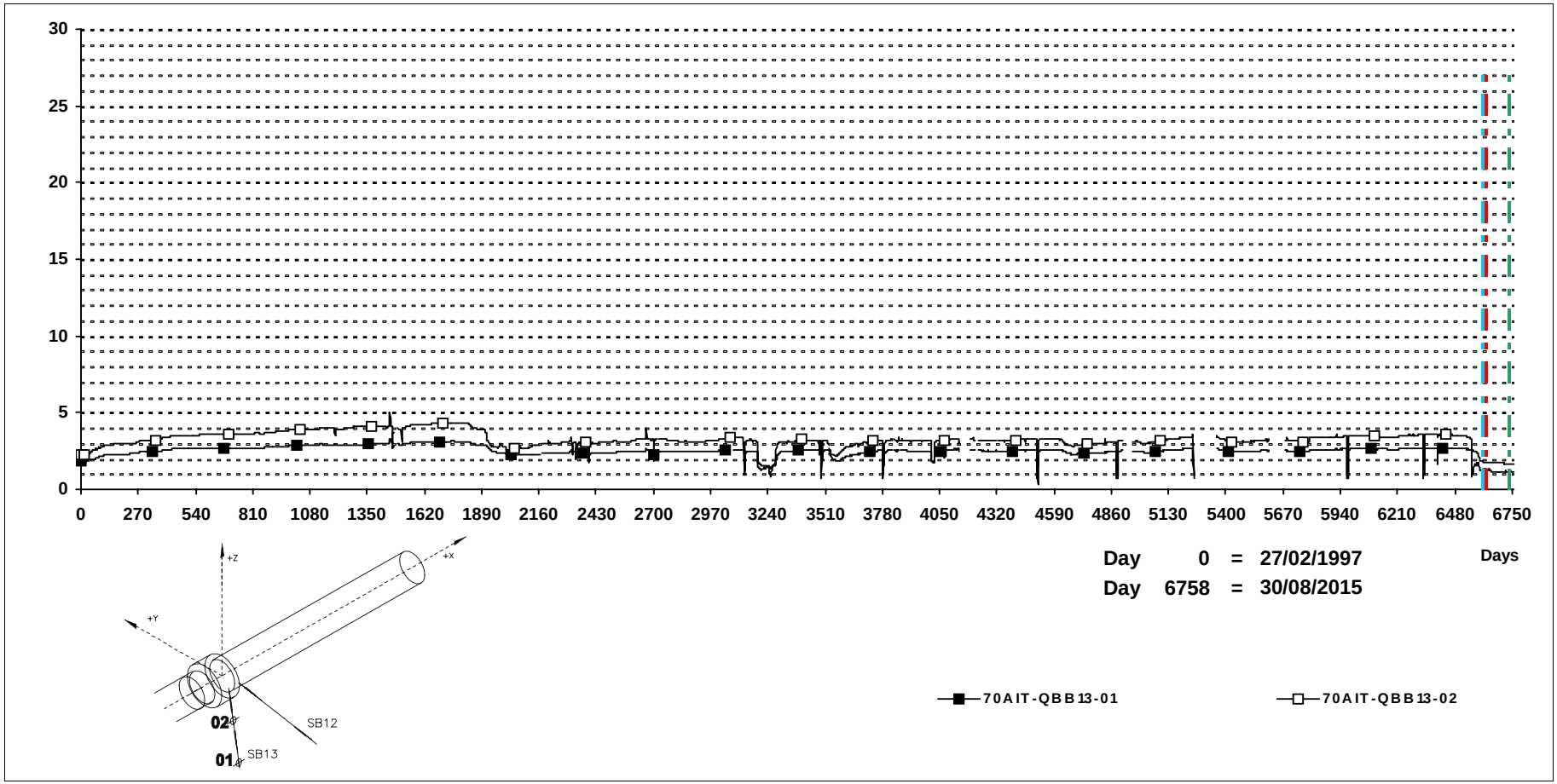
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2703 (23/07/04) affected by water sampling carried out by CIEMAT.

SECTION Borehole SB13

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



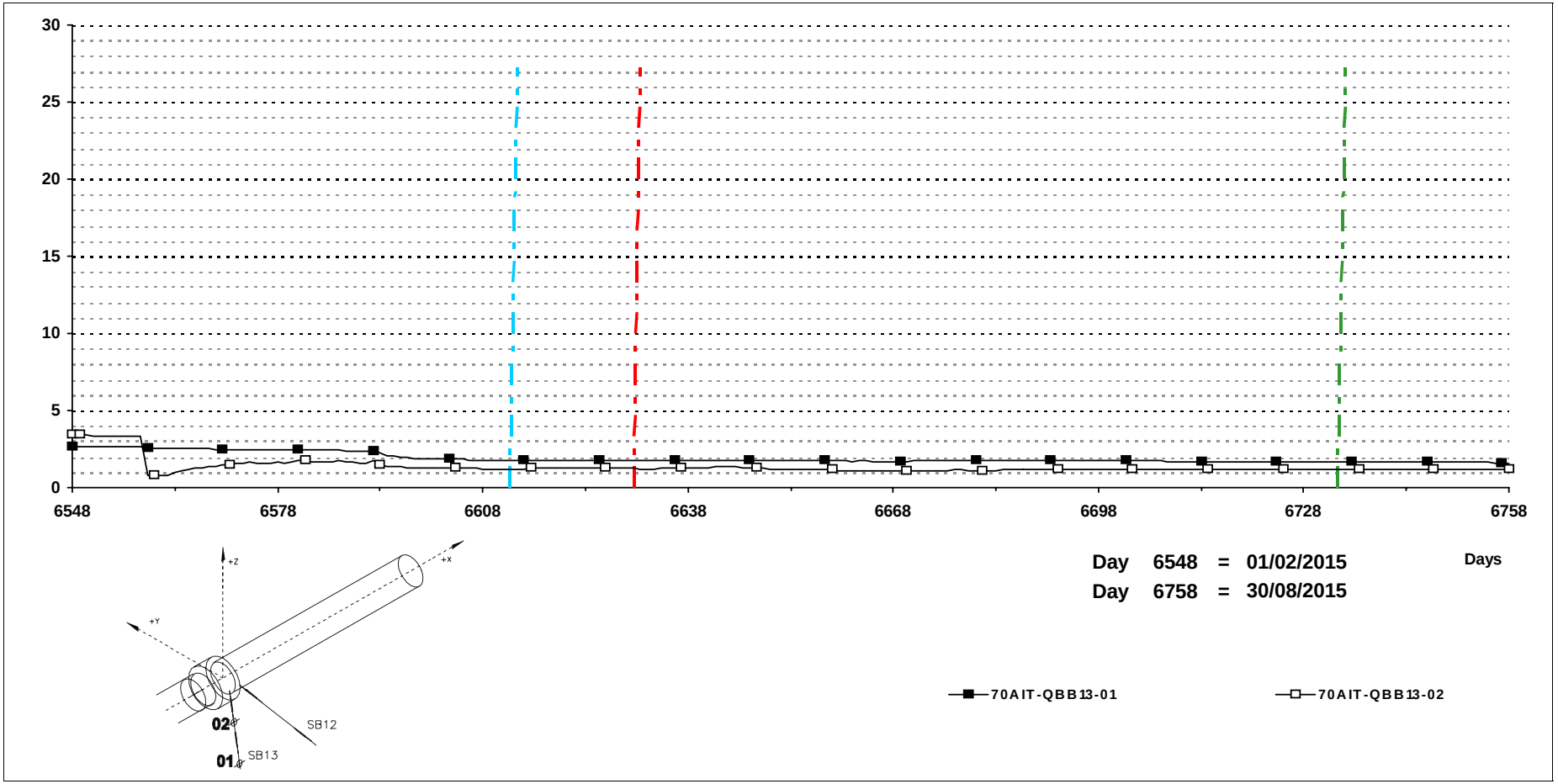
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2703 (23/07/04) affected by water sampling carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).

SECTION Borehole SB13

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



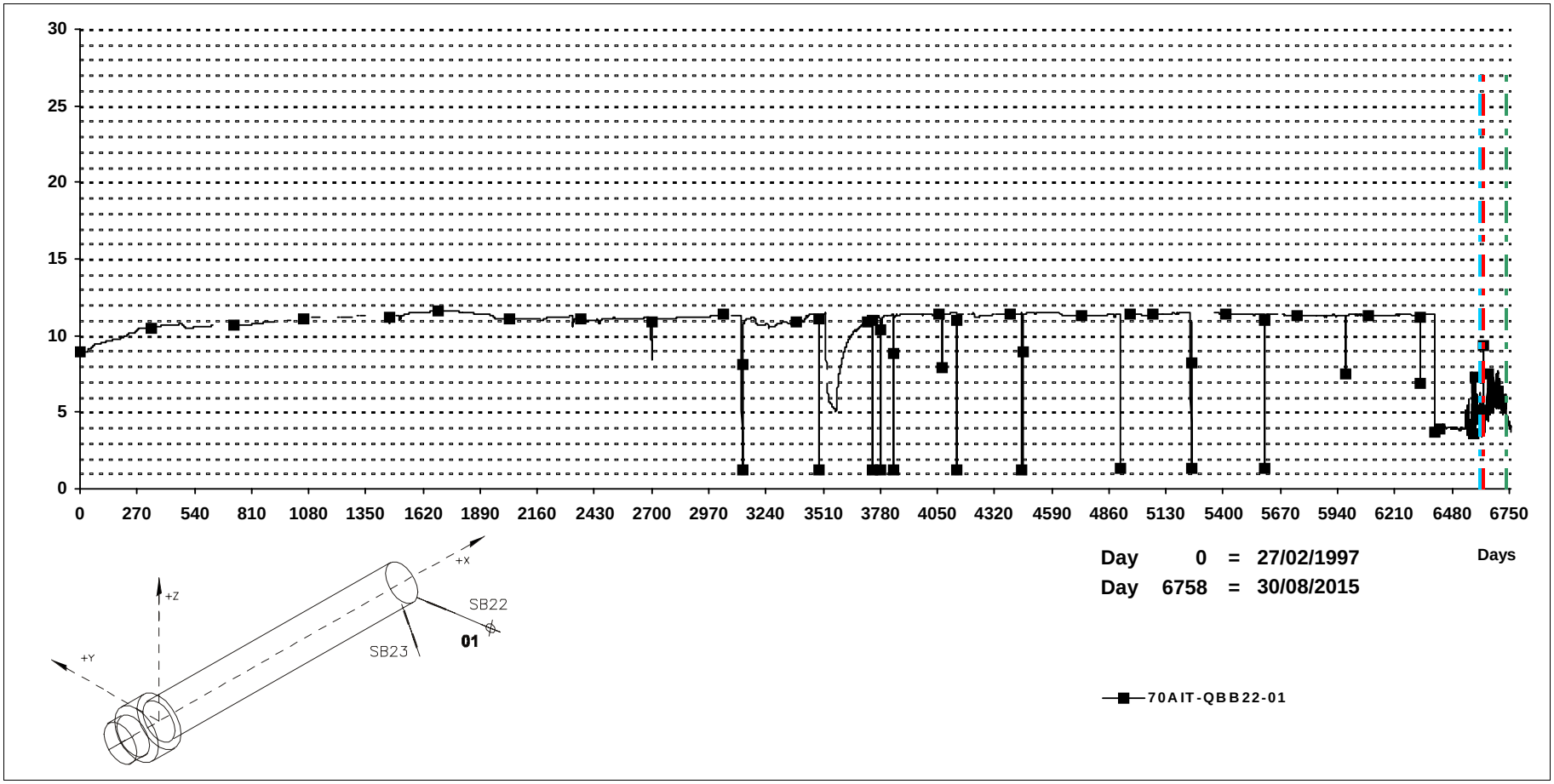
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2703 (23/07/04) affected by water sampling carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).

SECTION Borehole SB22

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



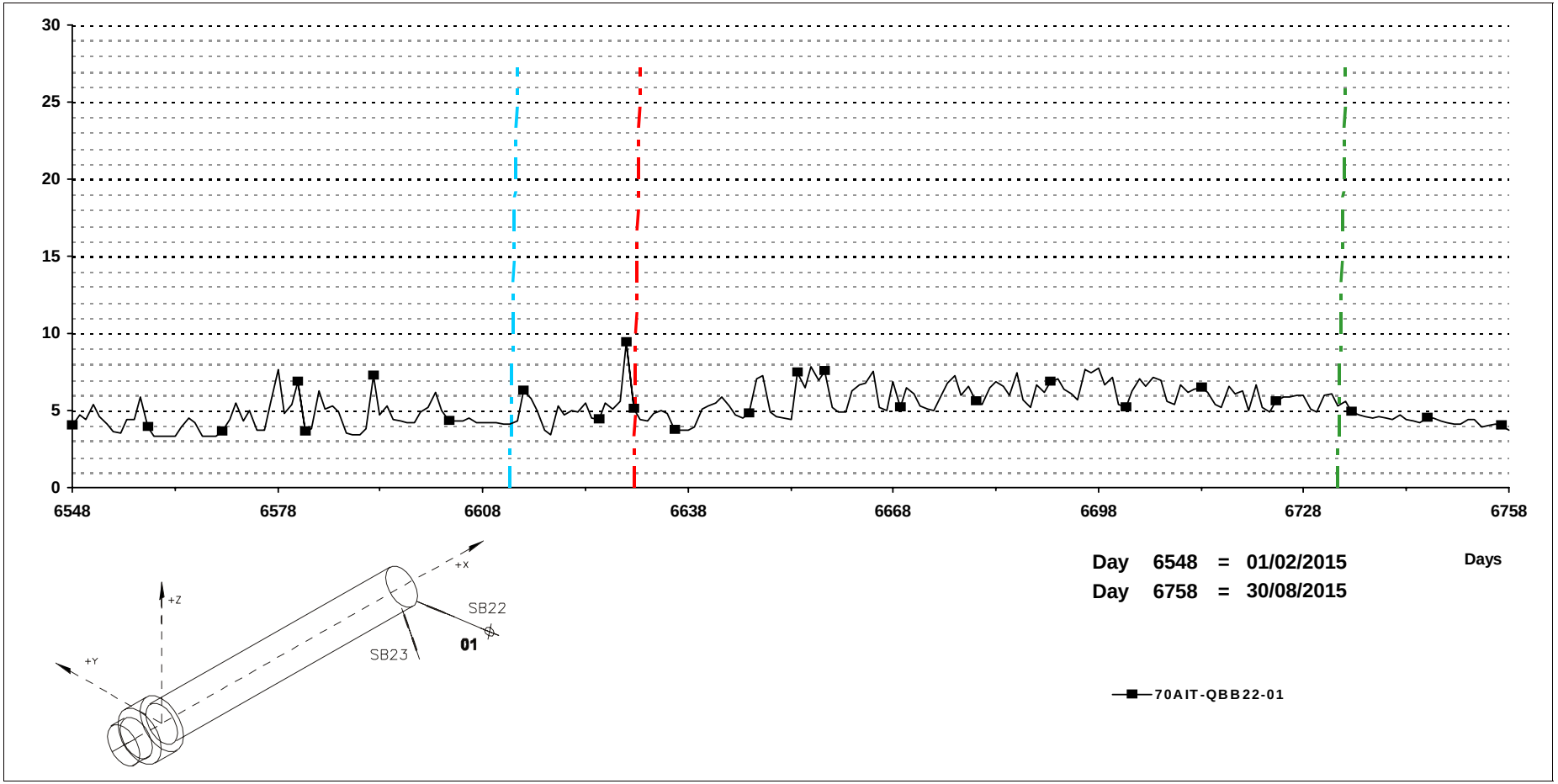
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2695 (15/07/04) to 2699 (19/07/04) affected by water sampling carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4961 (28/09/10).
70AIT-QBB22-01: Out of order from day 632 (21/11/1998) to 725 (22/02/1999). Data from day 921 (06/09/1999) to 982 (06/11/1999) are not reliable. Data from day 996 (20/11/1999) to 1055 (18/01/2000) are not reliable. Data from day 1064 (27/01/2000) to 1094 (26/02/2000) are not reliable. Data from day 1133 (05/04/2000) to 1212 (23/06/2000) are not reliable. Data from day 1285 (04/09/2000) to 1344 (02/11/2000) are not reliable. Data from day 1345 (03/11/2000) to 1461 (27/02/2001) are not reliable. Data from day 1471 (09/03/2001) to 1490 (28/03/2001) are not reliable.

SECTION Borehole SB22

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



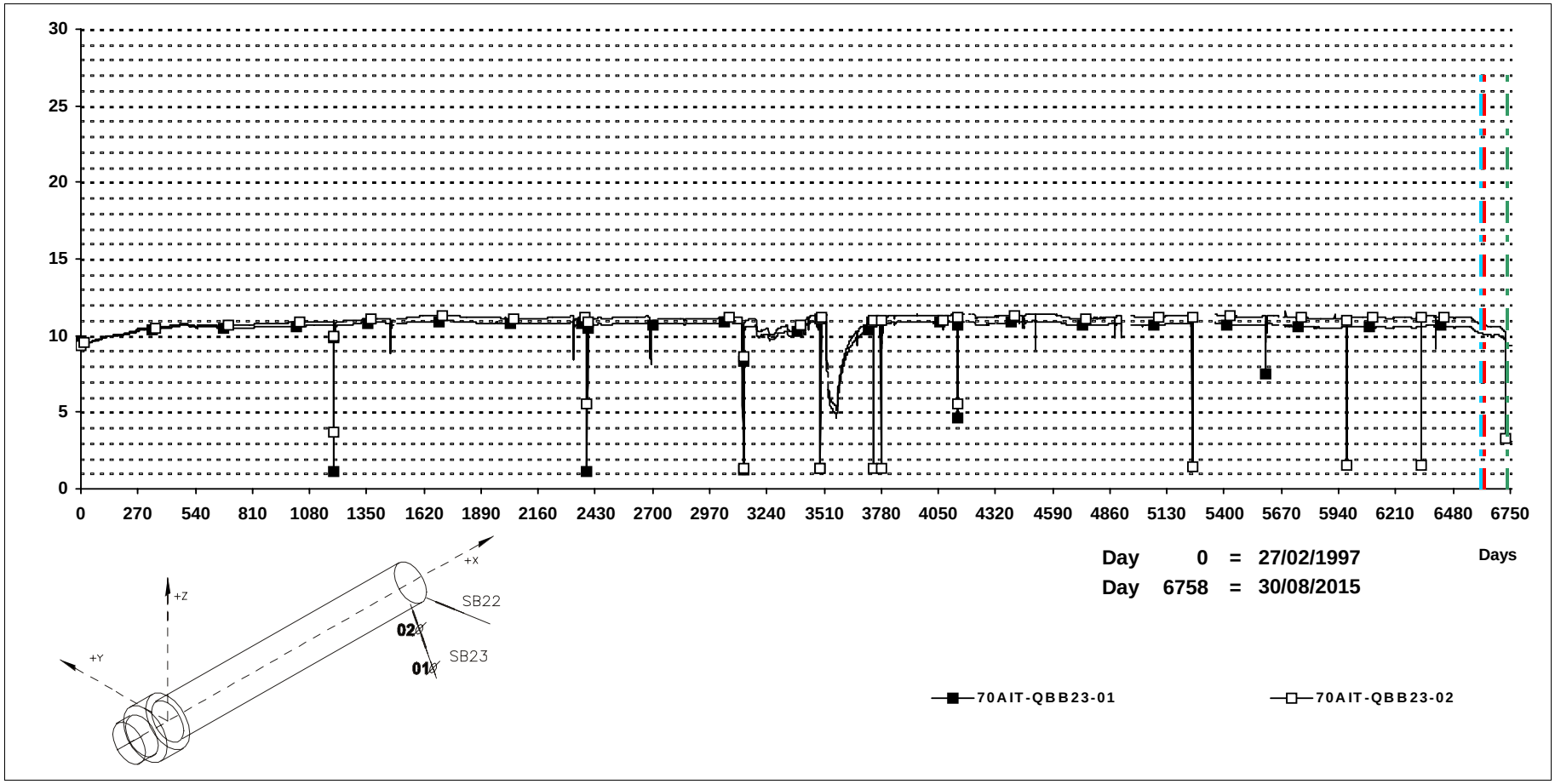
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2695 (15/07/04) to 2699 (19/07/04) affected by water sampling carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4961 (28/09/10).
70AIT-QBB22-01: Out of order from day 632 (21/11/1998) to 725 (22/02/1999). Data from day 921 (06/09/1999) to 982 (06/11/1999) are not reliable. Data from day 996 (20/11/1999) to 1055 (18/01/2000) are not reliable. Data from day 1064 (27/01/2000) to 1094 (26/02/2000) are not reliable. Data from day 1133 (05/04/2000) to 1212 (23/06/2000) are not reliable. Data from day 1285 (04/09/2000) to 1344 (02/11/2000) are not reliable. Data from day 1345 (03/11/2000) to 1461 (27/02/2001) are not reliable. Data from day 1471 (09/03/2001) to 1490 (28/03/2001) are not reliable.

SECTION Borehole SB23

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100

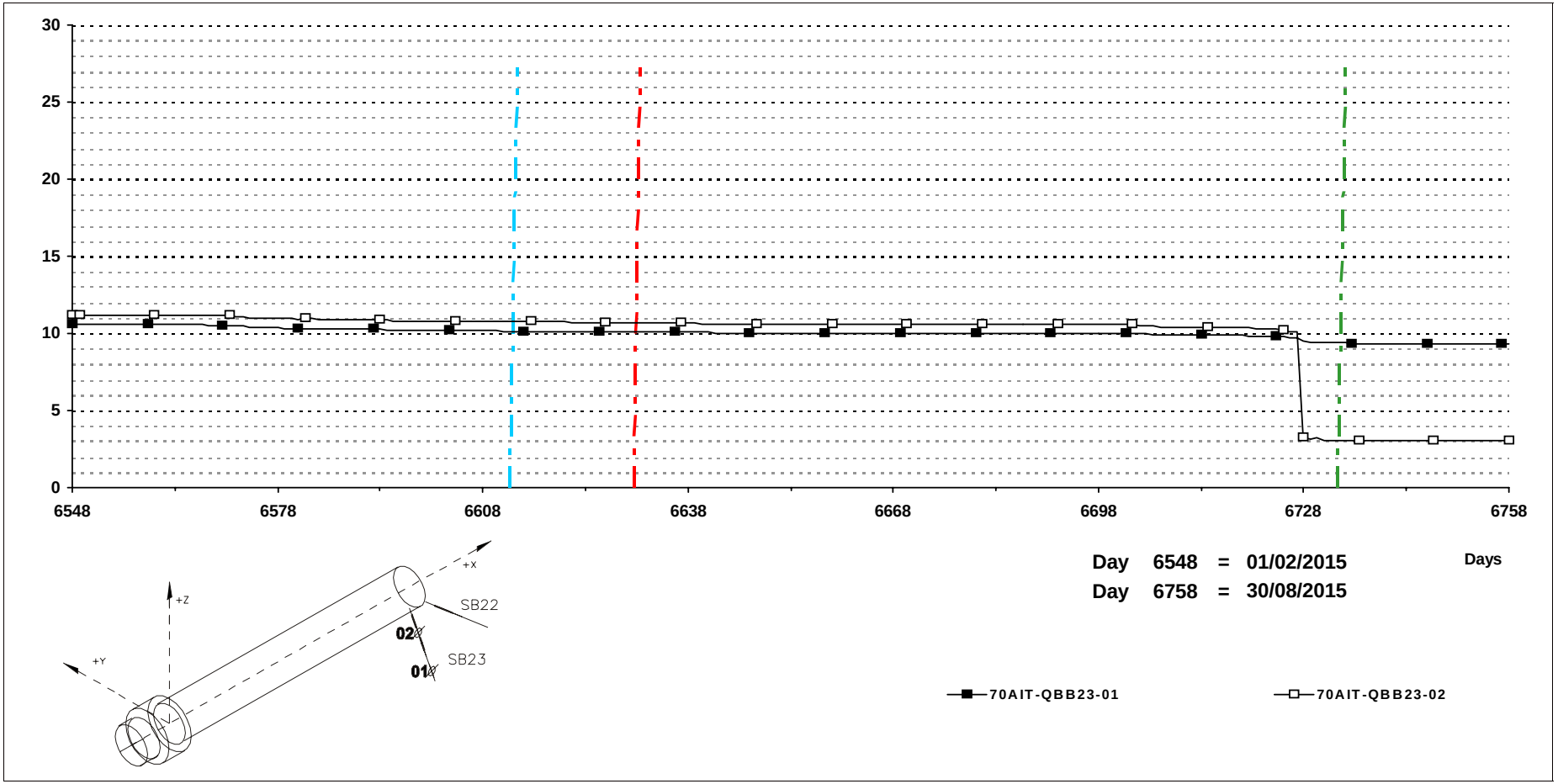


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values on day 2302 (18/06/03) affected by hydrotesting campaign carried out by AITEMIN .
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2695 (15/07/04) affected by water samplings carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4960 (27/09/10).

SECTION Borehole SB23

SENSOR TYPE: Hydraulic pressure (borehole). ***UNITS: kPa · 100***



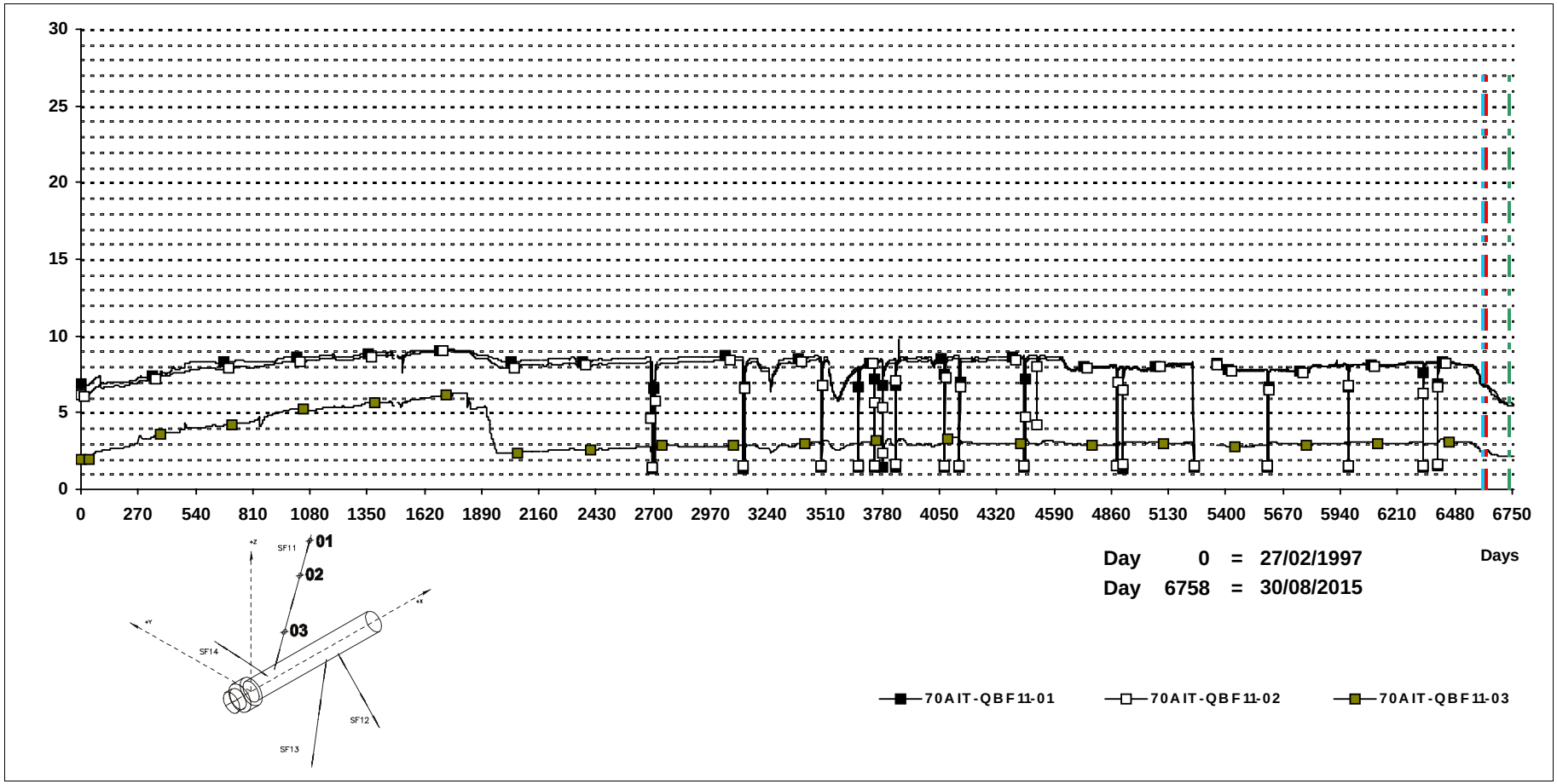
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values on day 2302 (18/06/03) affected by hydrotesting campaign carried out by AITEMIN .
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2695 (15/07/04) affected by water samplings carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4960 (27/09/10).

SECTION Borehole SF11

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



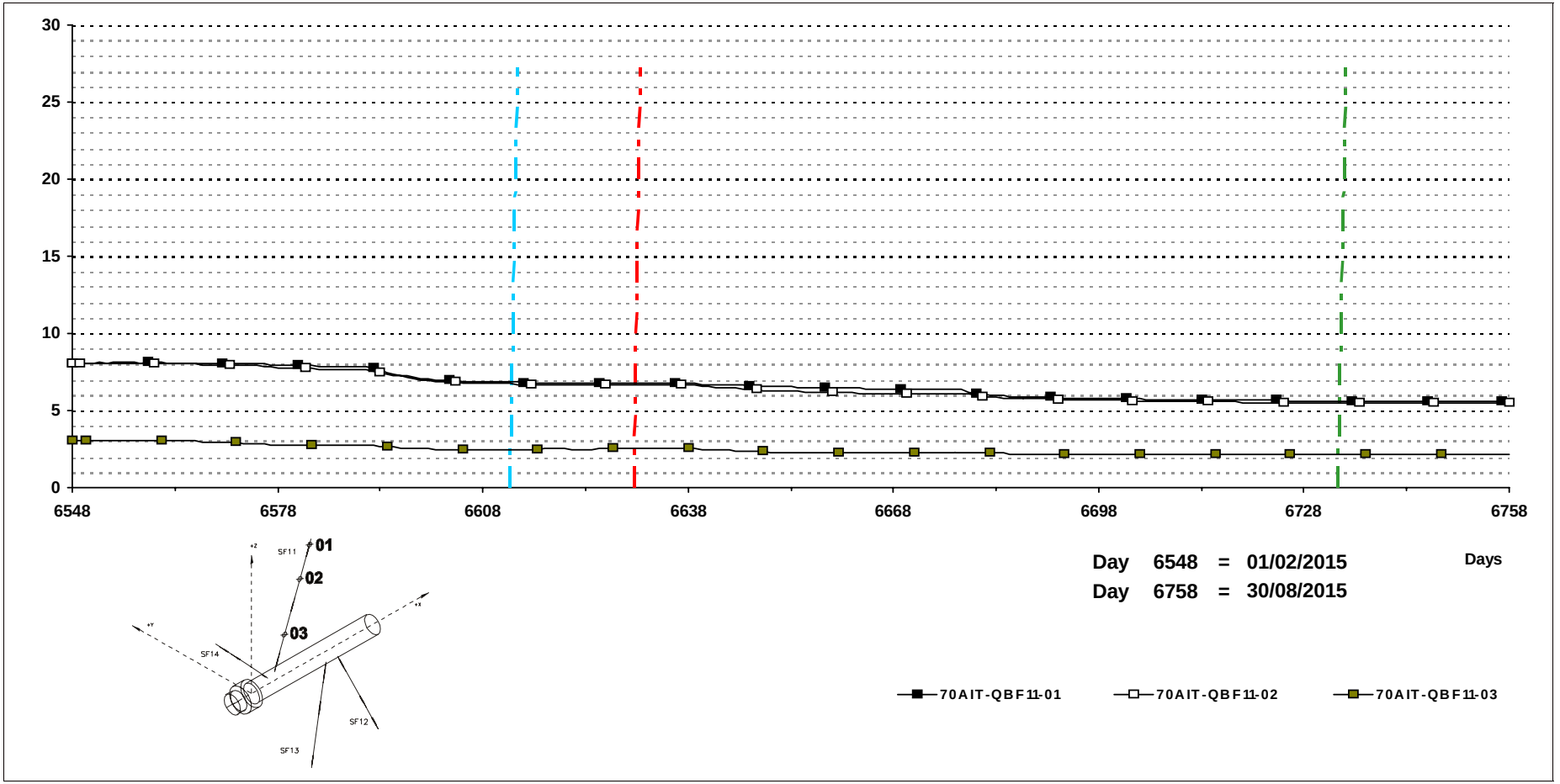
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2699 (19/07/04) affected by water sampling carried out by CIEMAT.

SECTION Borehole SF11

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



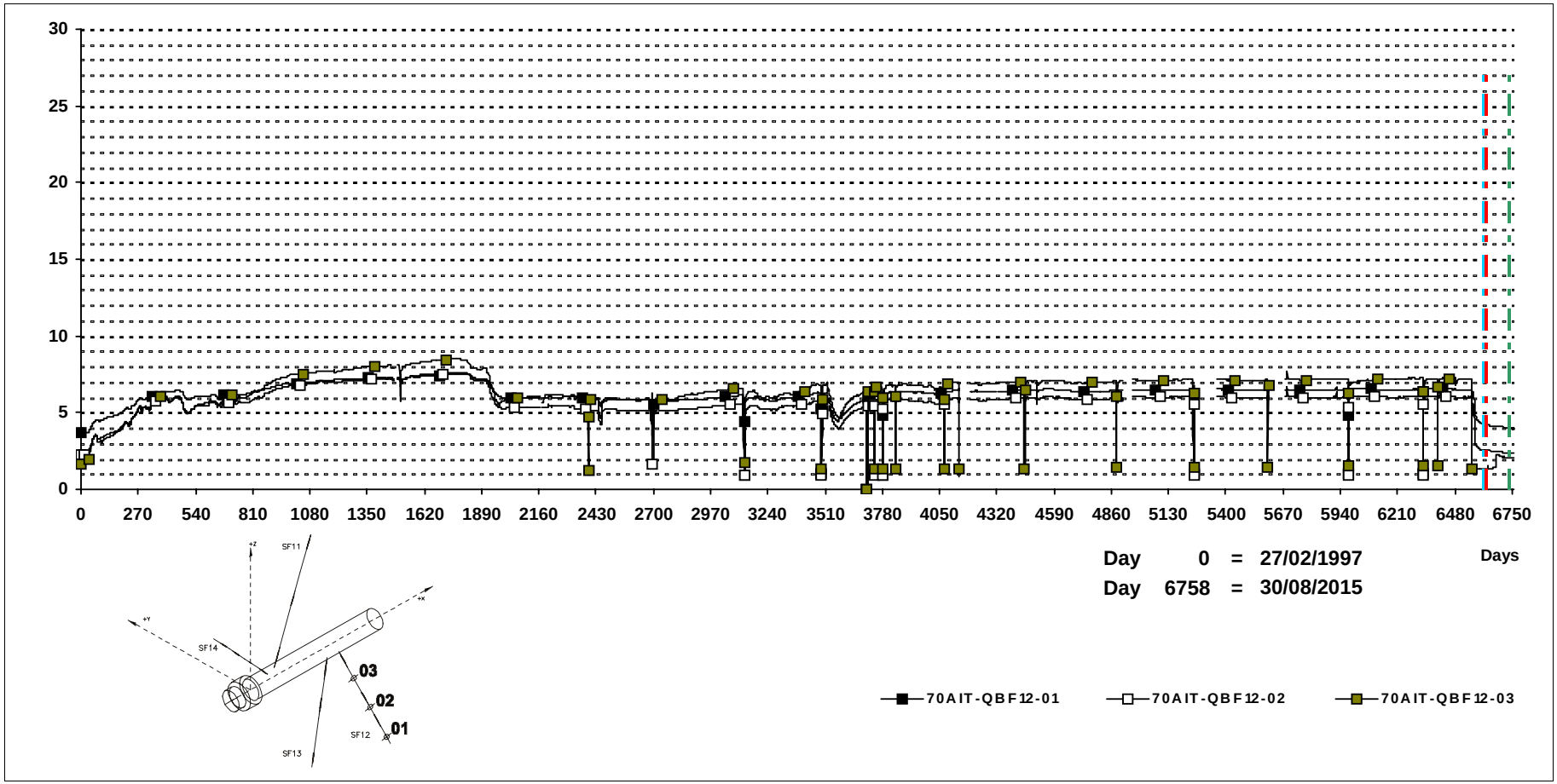
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2699 (19/07/04) affected by water sampling carried out by CIEMAT.

SECTION Borehole SF12

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



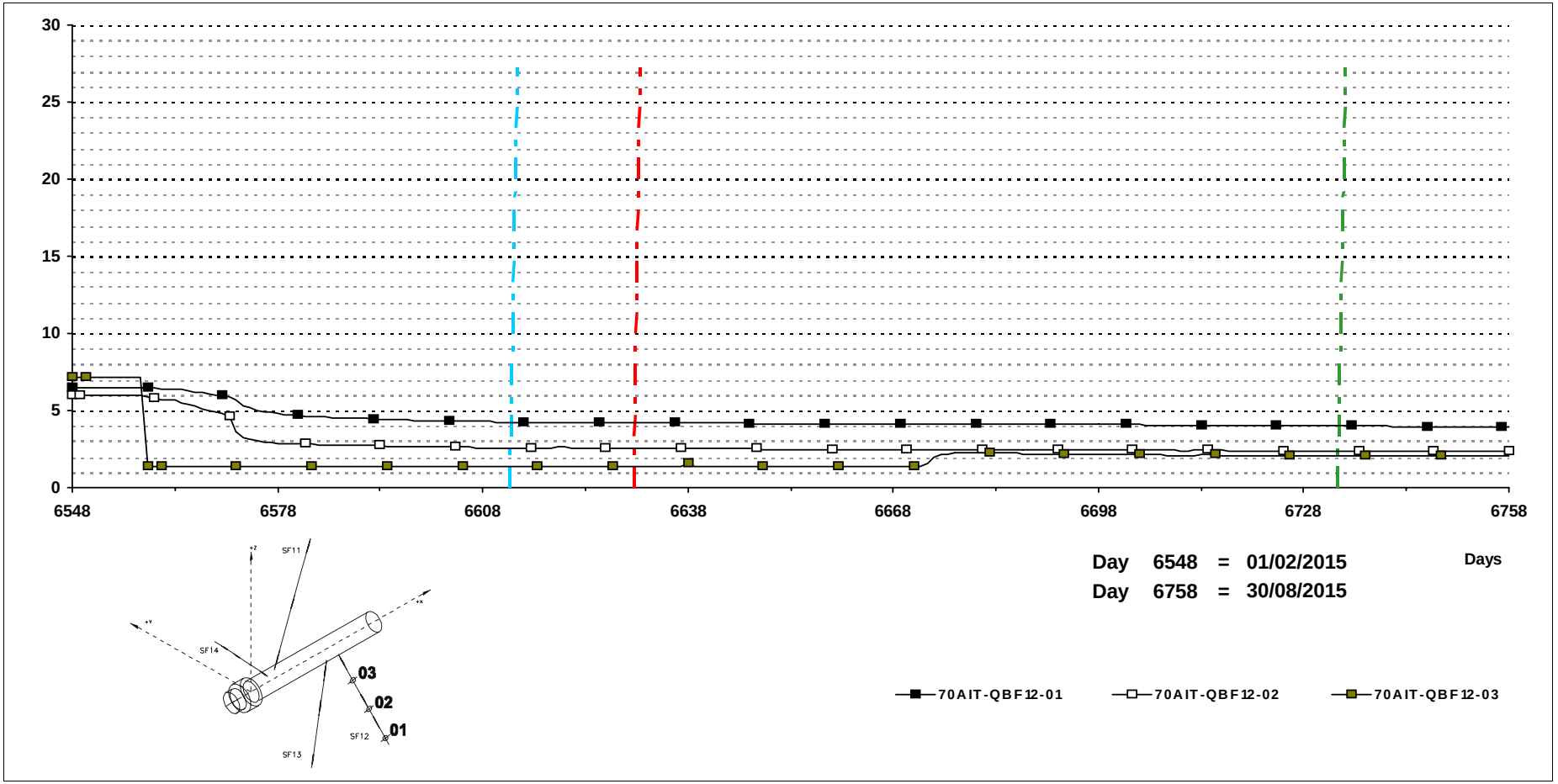
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2443 (6/11/03) to 2455 (18/11/03) affected by hydrotesting campaign carried out by AITEMIN .
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2697 (17/07/04) affected by water samplings carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).
70AIT-QBF12-01 & 70AIT-QBF12-02 & 70AIT-QBF12-03: Data from day 3064 (19/07/2005) to 3071 (26/07/2005) are not reliable.

SECTION Borehole SF12

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



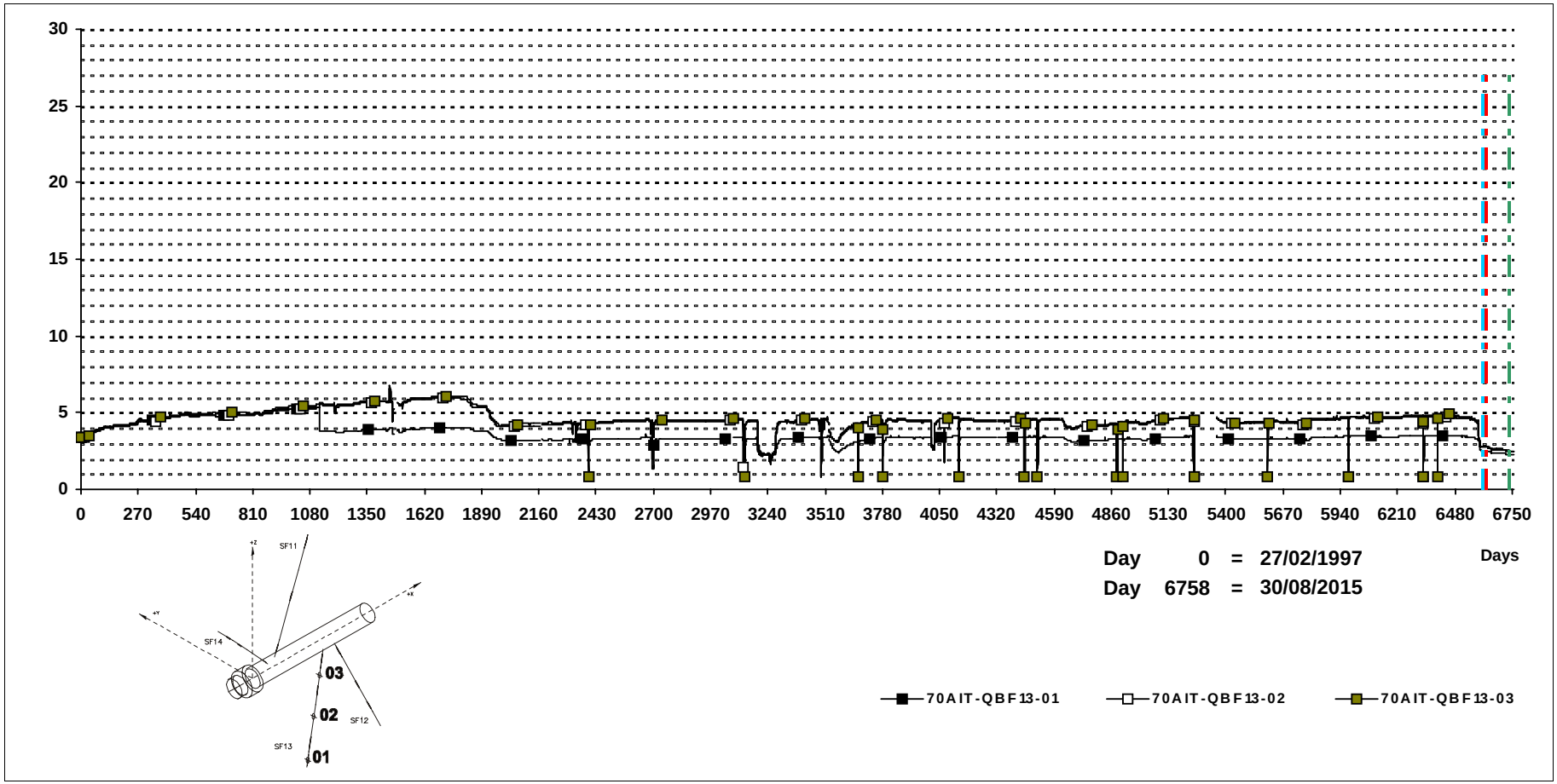
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2443 (6/11/03) to 2455 (18/11/03) affected by hydrotesting campaign carried out by AITEMIN .
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2697 (17/07/04) affected by water samplings carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).
70AIT-QBF12-01 & 70AIT-QBF12-02 & 70AIT-QBF12-03: Data from day 3064 (19/07/2005) to 3071 (26/07/2005) are not reliable.

SECTION Borehole SF13

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100

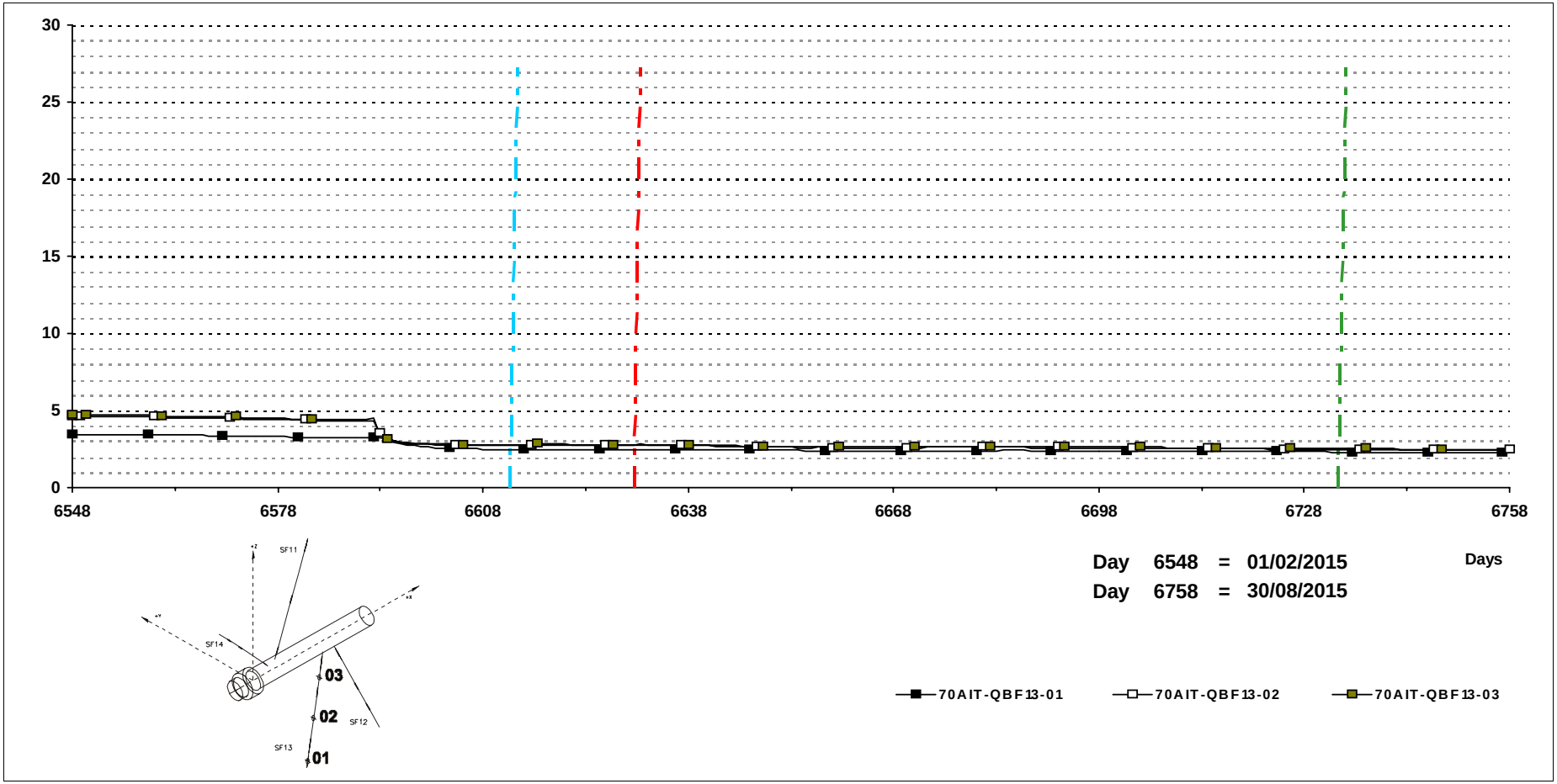


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2697 (17/07/04) affected by water samplings carried out by CIEMAT.

SECTION Borehole SF13

SENSOR TYPE: Hydraulic pressure (borehole). ***UNITS: kPa · 100***



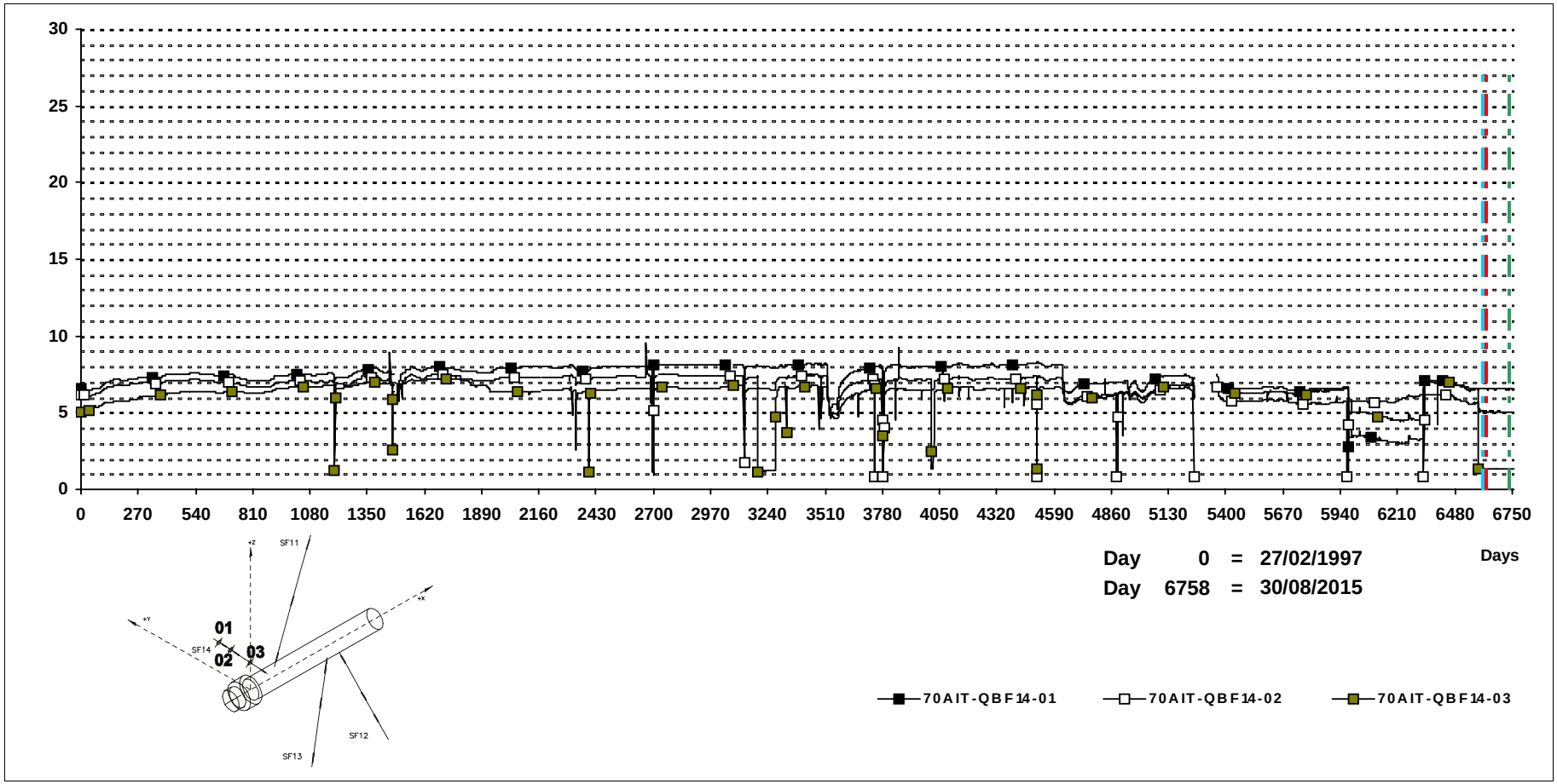
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2697 (17/07/04) affected by water samplings carried out by CIEMAT.

SECTION Borehole SF14

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



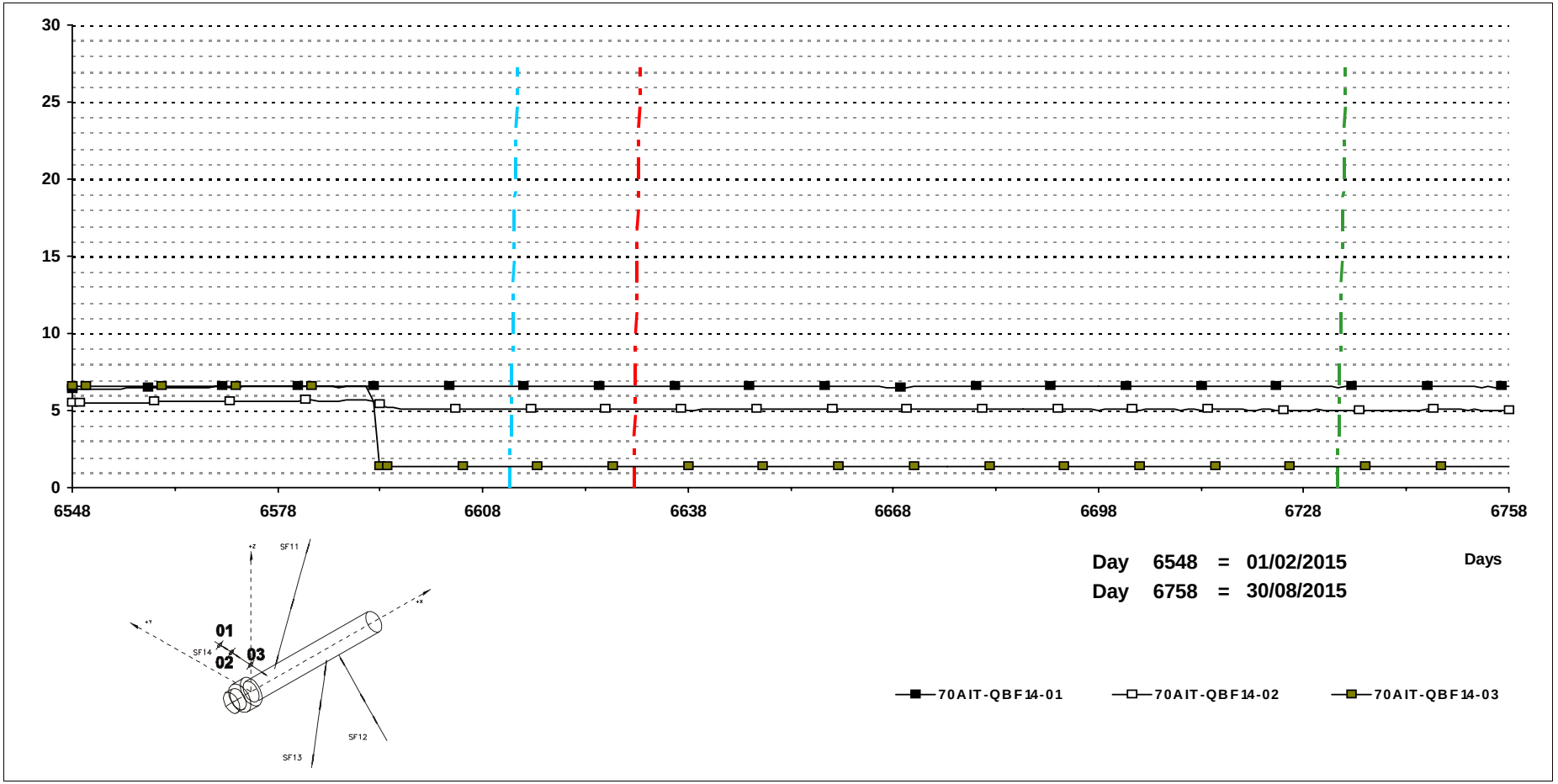
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2332 (18/07/03) to 2335 (21/07/03) affected by hydrotesting campaign carried out by AITEMIN .
Values from day 2689 (9/07/04) to 2694 (14/07/04) affected by water sampling carried out by CIEMAT.
70AIT-QBF14-03: Interval 3 open between day 3192 (24/11/05) and day 3276 (16/02/06).

SECTION Borehole SF14

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



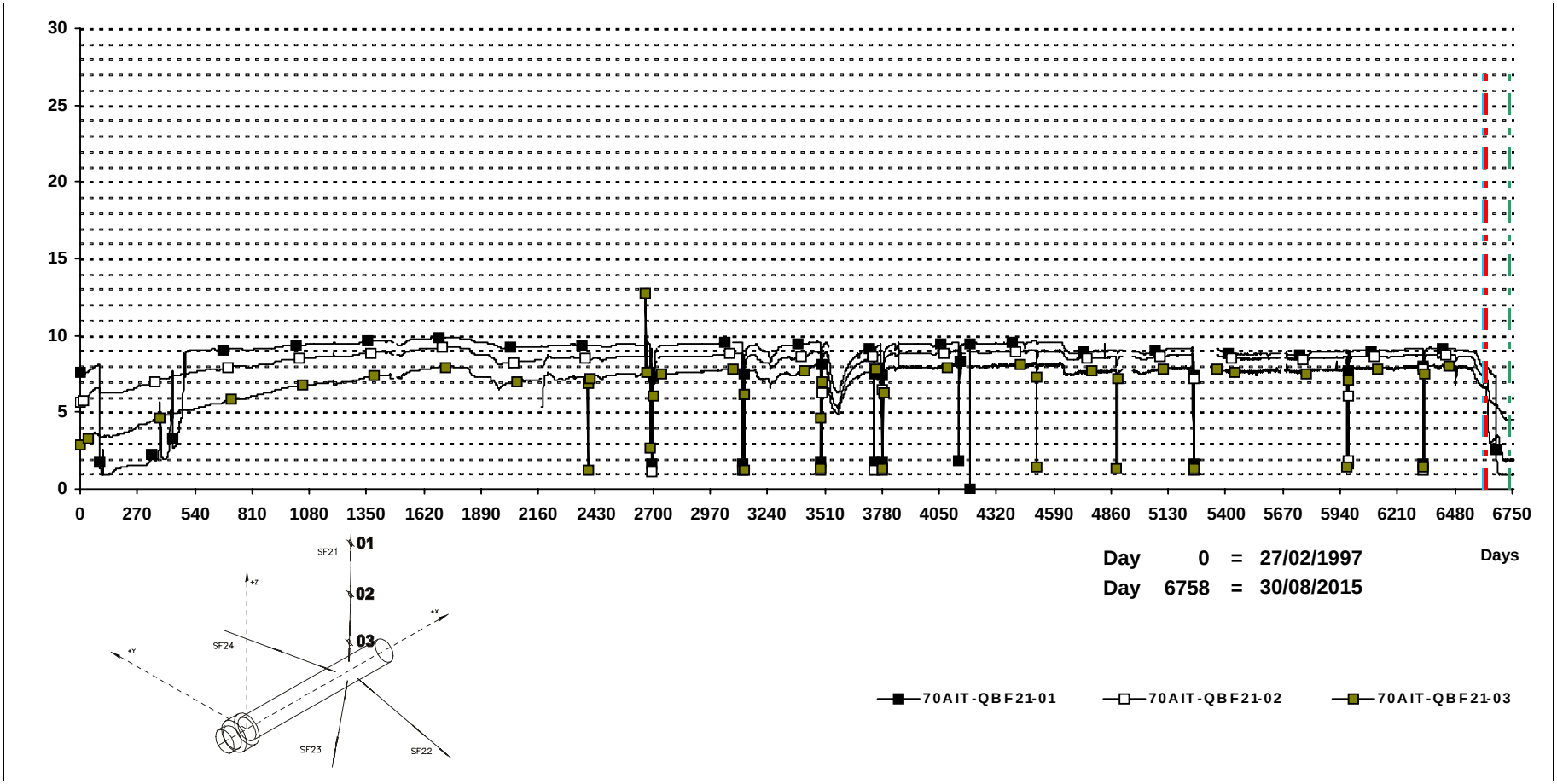
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2332 (18/07/03) to 2335 (21/07/03) affected by hydrotesting campaign carried out by AITEMIN .
Values from day 2689 (9/07/04) to 2694 (14/07/04) affected by water sampling carried out by CIEMAT.
70AIT-QBF14-03: Interval 3 open between day 3192 (24/11/05) and day 3276 (16/02/06).

SECTION Borehole SF21

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



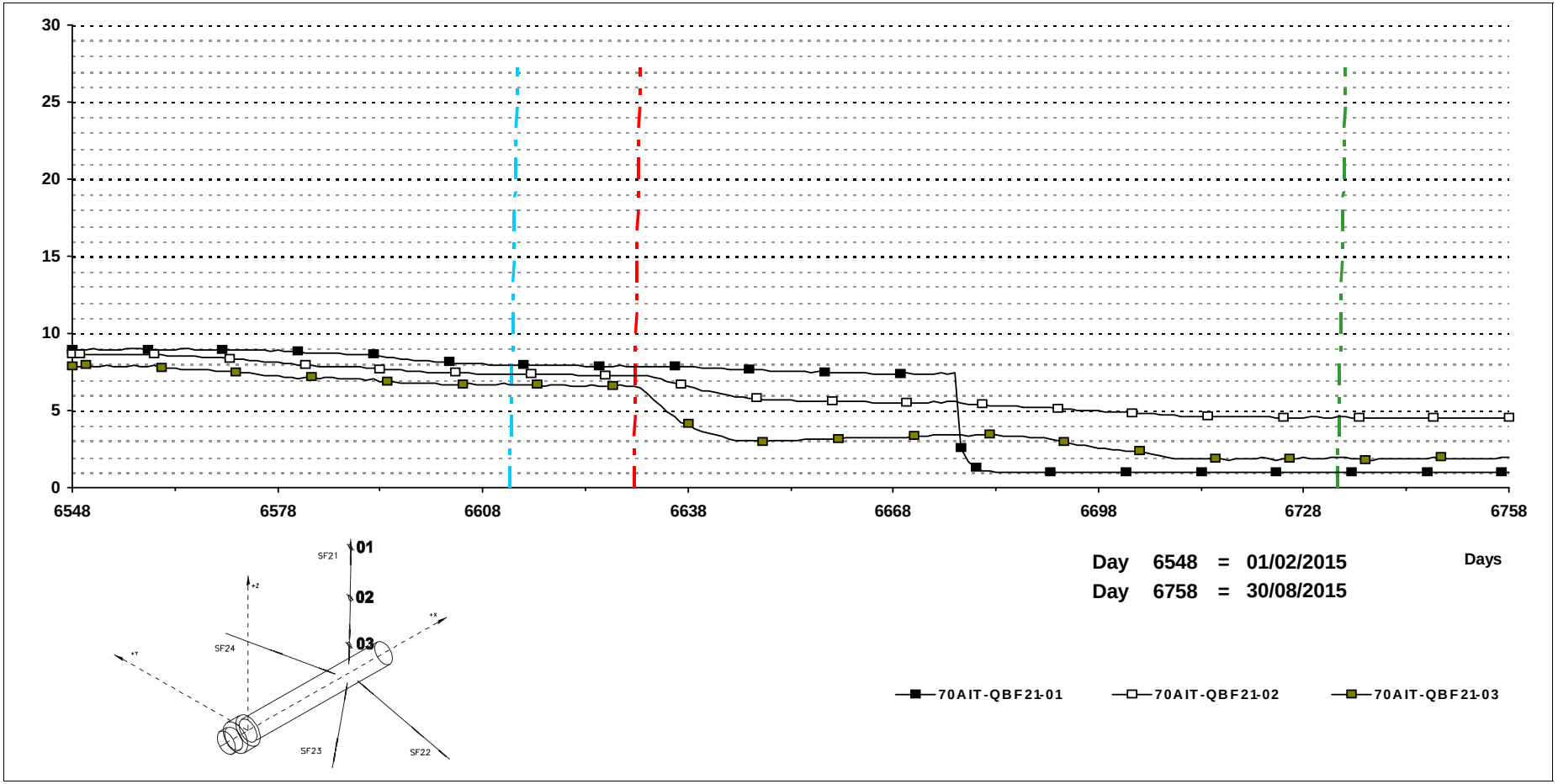
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2695 (15/07/04) affected by water samplings carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4960 (27/09/10).

SECTION Borehole SF21

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



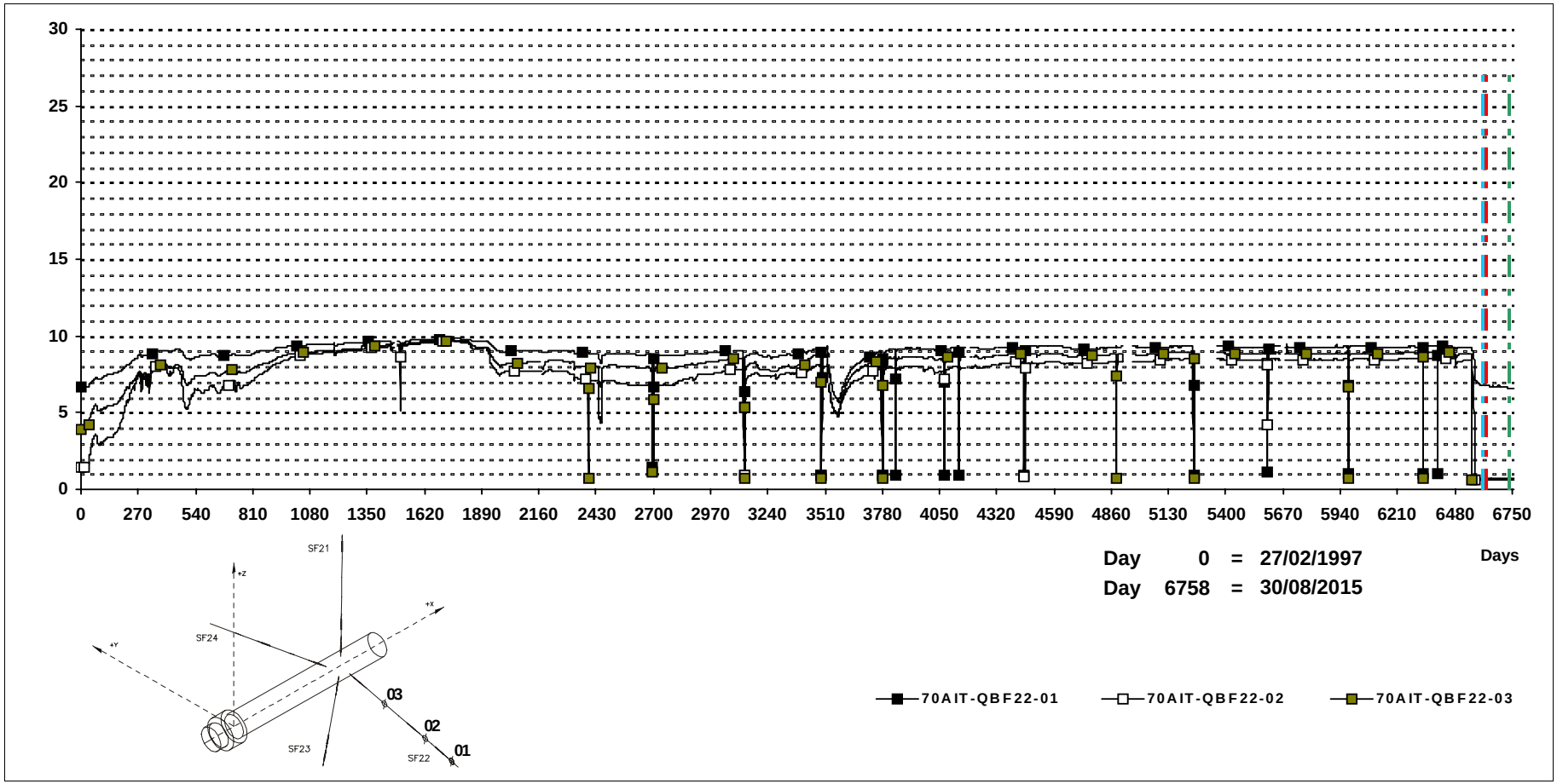
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2695 (15/07/04) affected by water samplings carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4960 (27/09/10).

SECTION Borehole SF22

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100

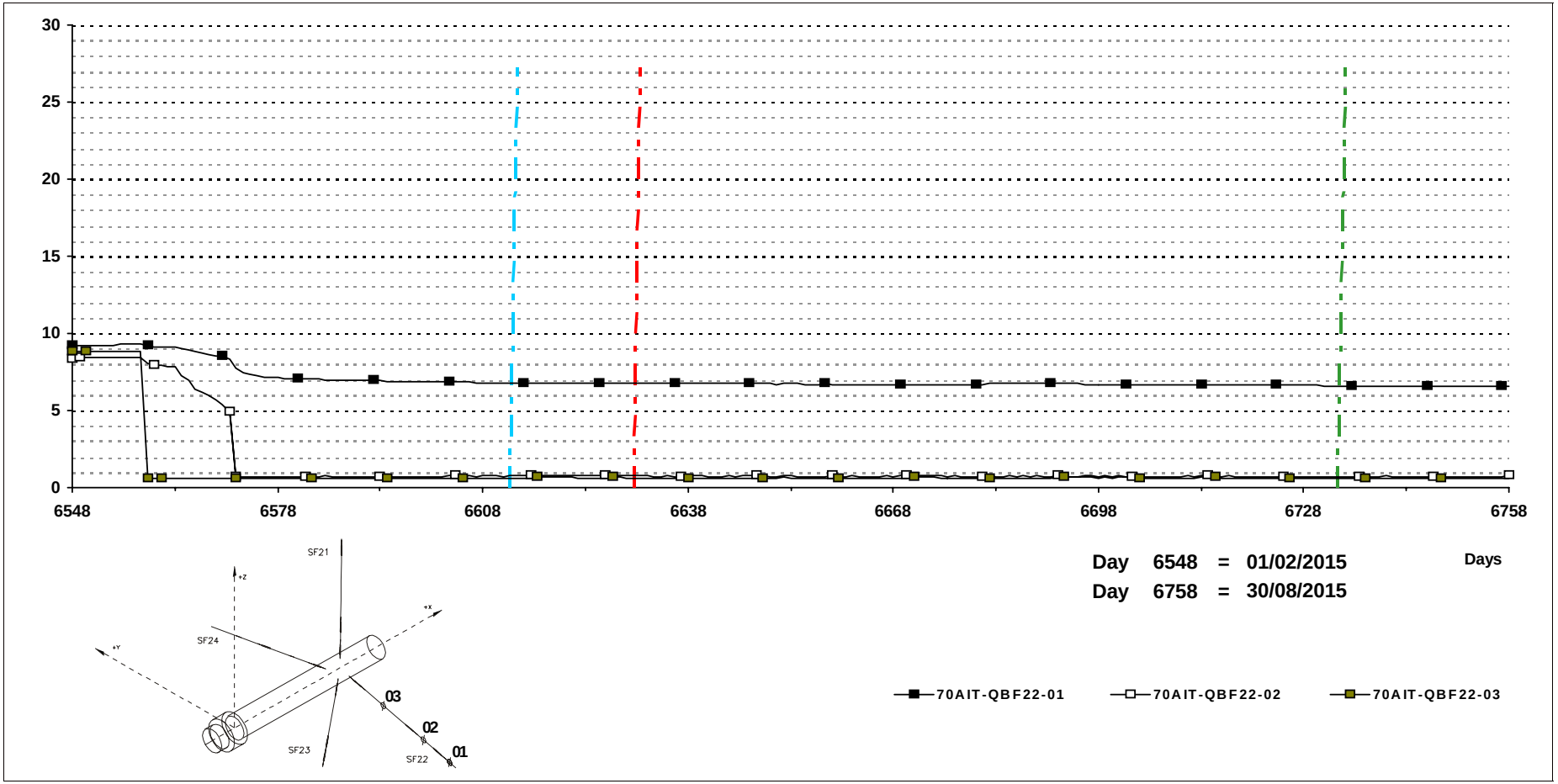


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2443 (6/11/03) to 2445 (18/11/03) affected by hydrotesting campaign carried out by AITEMIN.
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2699 (19/07/04) affected by water samplings carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4960 (27/09/10).

SECTION Borehole SF22

SENSOR TYPE: Hydraulic pressure (borehole). ***UNITS: kPa · 100***



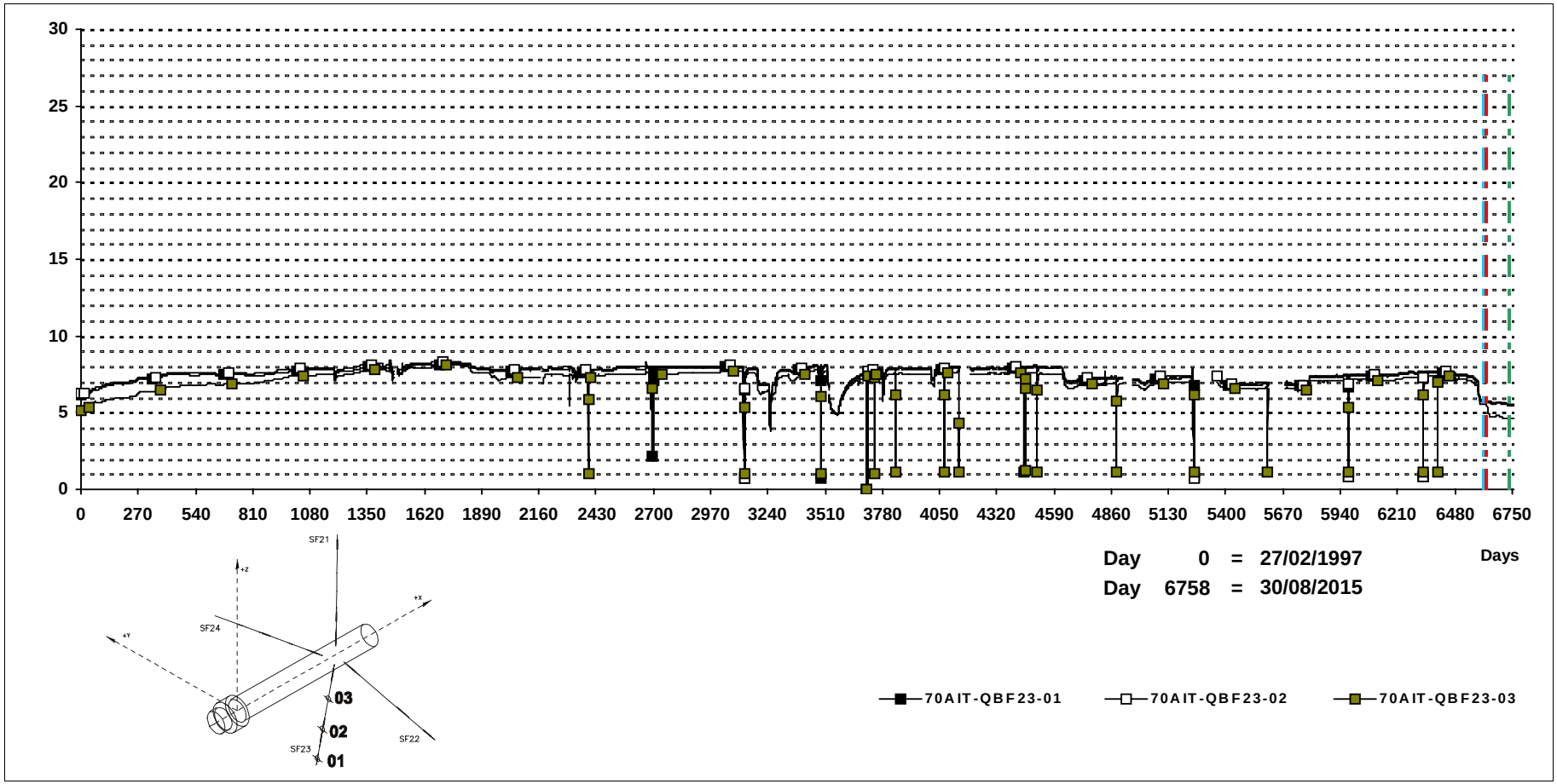
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2443 (6/11/03) to 2445 (18/11/03) affected by hydrotesting campaign carried out by AITEMIN.
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2699 (19/07/04) affected by water samplings carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4960 (27/09/10).

SECTION Borehole SF23

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



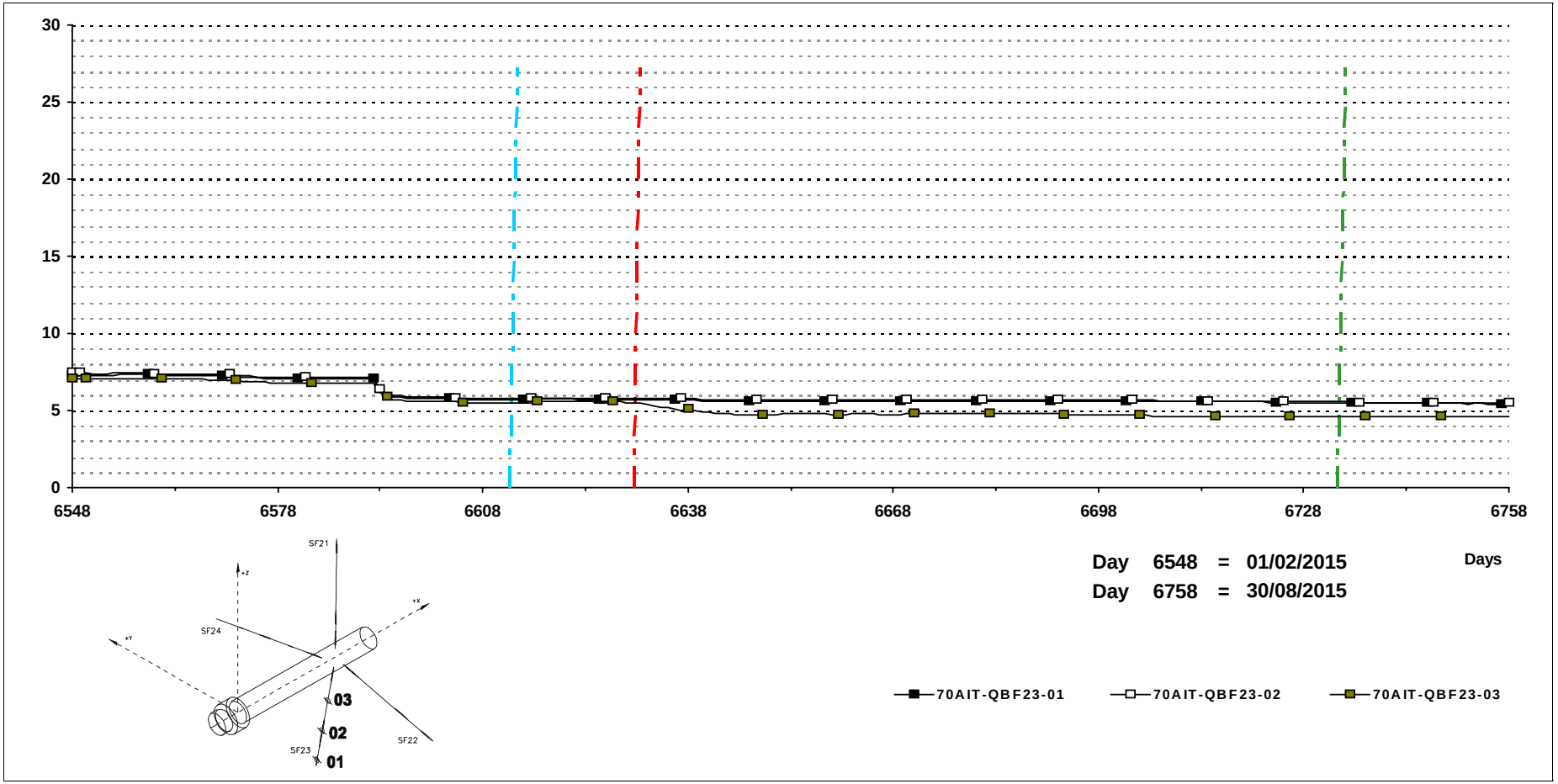
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values on day 2304 (20/06/03) t affected by hydrotesting campaign carried out by AITEMIN.
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2699 (15/07/04) affected by water samplings carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).
70AIT-QBF23-01 & 70AIT-QBF23-02 & 70AIT-QBF23-03: Data from day 3064 (19/07/2005) to 3071 (26/07/2005) are not reliable.

SECTION Borehole SF23

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



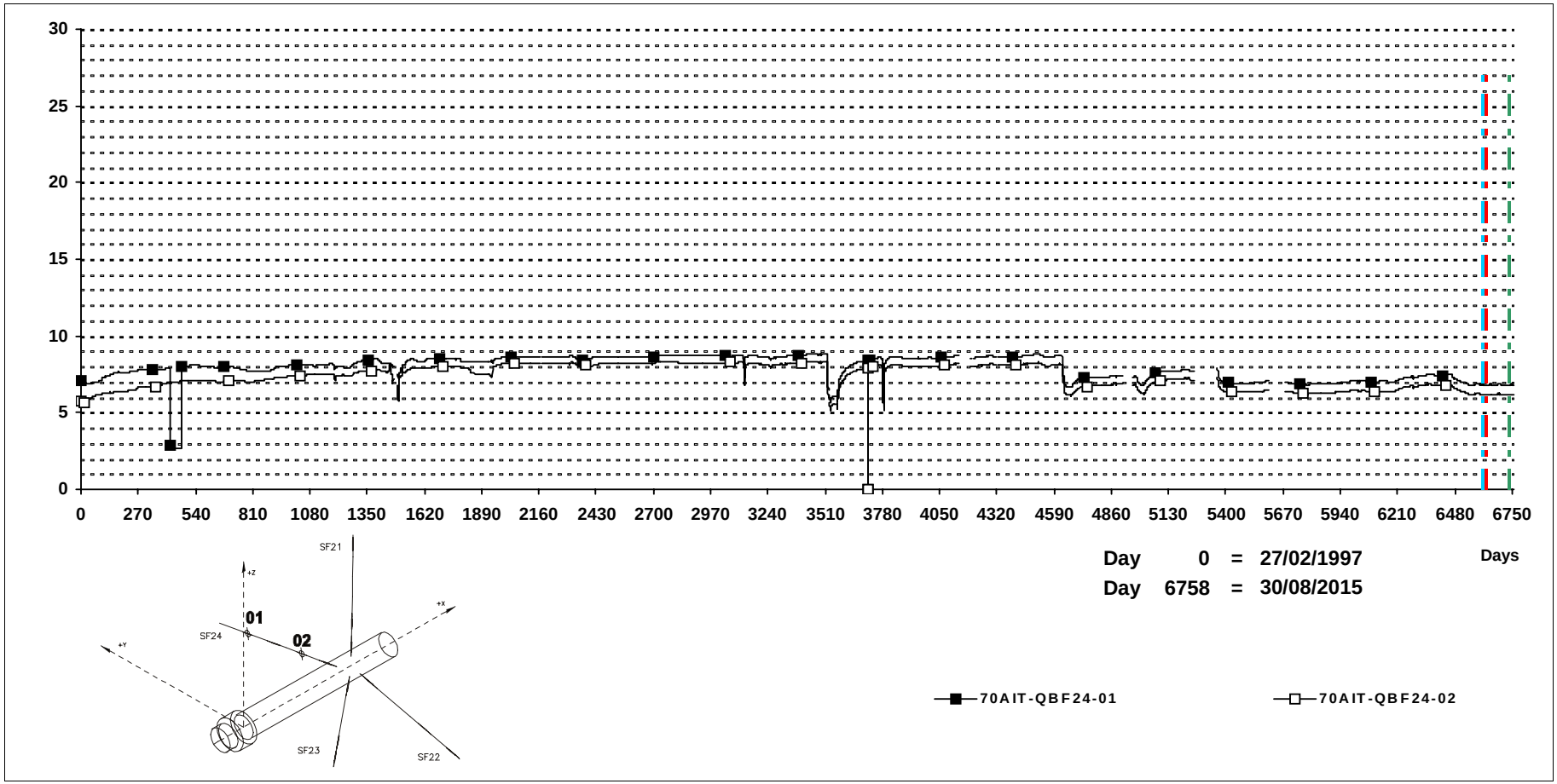
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values on day 2304 (20/06/03) t affected by hydrotesting campaign carried out by AITEMIN.
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2699 (15/07/04) affected by water samplings carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).
70AIT-QBF23-01 & 70AIT-QBF23-02 & 70AIT-QBF23-03: Data from day 3064 (19/07/2005) to 3071 (26/07/2005) are not reliable.

SECTION Borehole SF24

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



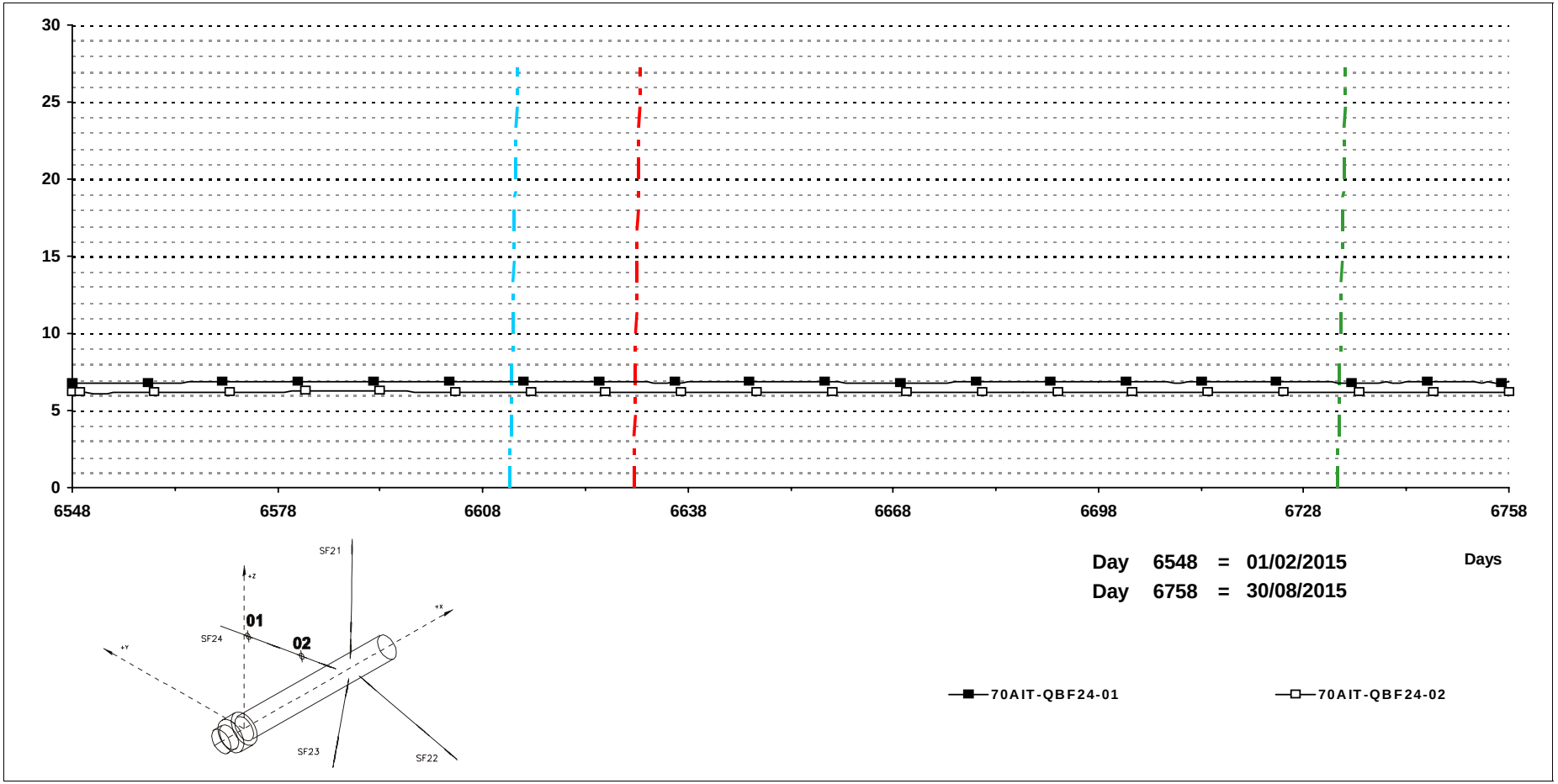
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2699 (15/07/04) affected by water sampling carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).
70AIT-QBF24-01 & 70AIT-QBF24-02: Data from day 3064 (19/07/2005) to 3071 (26/07/2005) are not reliable.

SECTION Borehole SF24

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



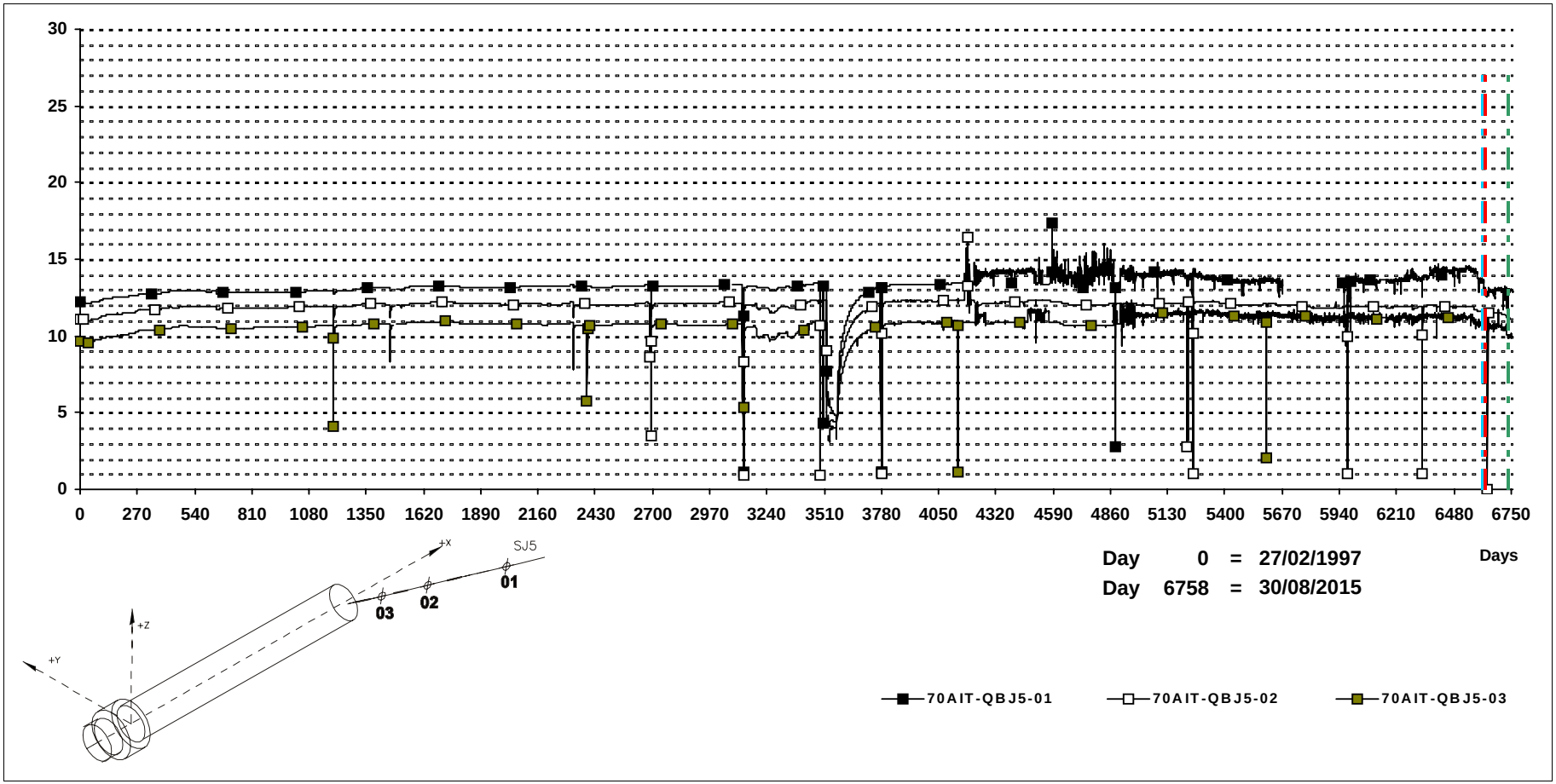
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2699 (15/07/04) affected by water sampling carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).
70AIT-QBF24-01 & 70AIT-QBF24-02: Data from day 3064 (19/07/2005) to 3071 (26/07/2005) are not reliable.

SECTION Borehole SJ5

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



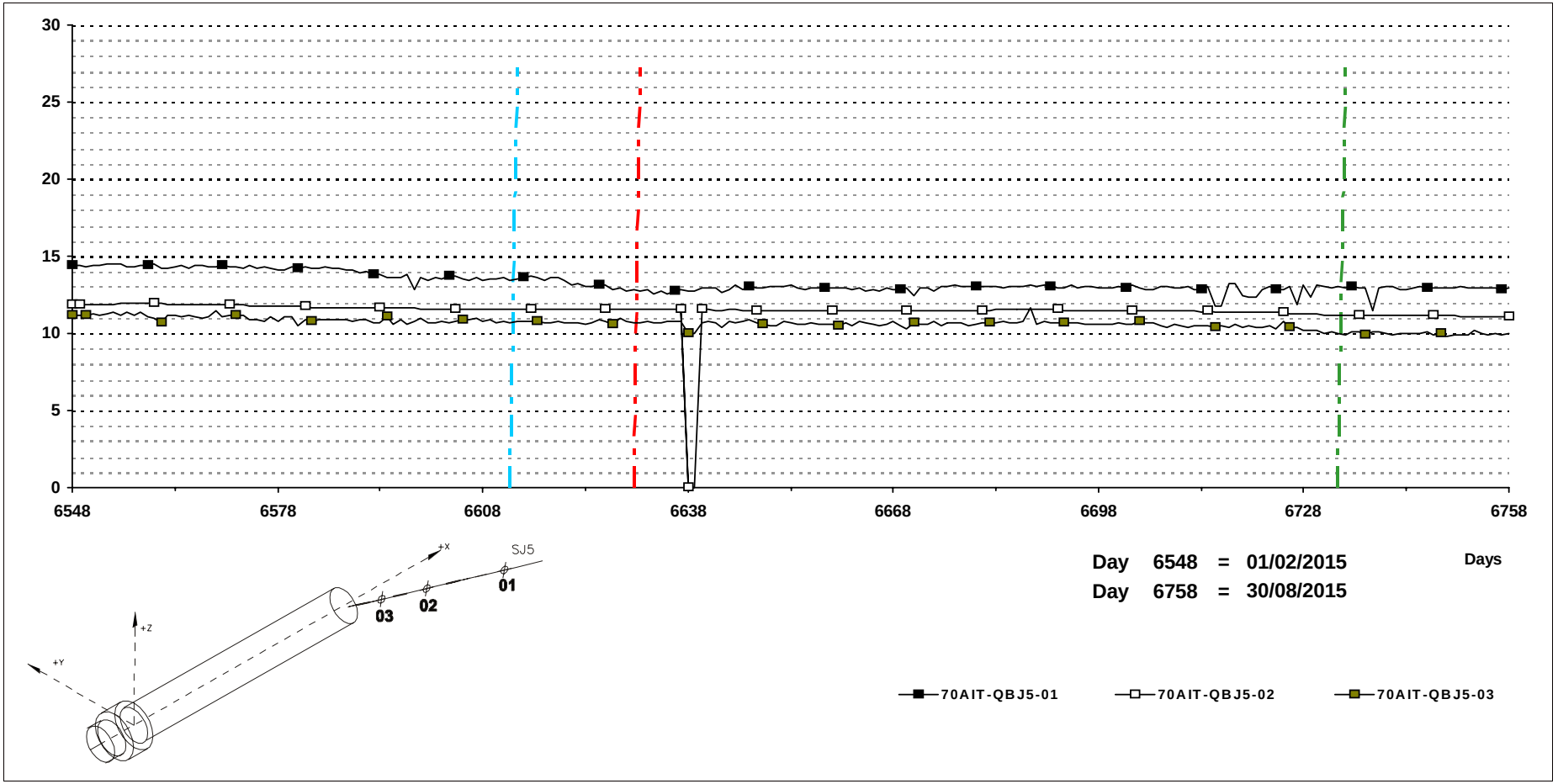
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values on day 2327 (13/07/03) t affected by hydrotesting campaign carried out by AITEMIN.
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2695 (15/07/04) affected by water samplings carried out by CIEMAT.
70AIT-QBJ5-01: Data from day 5675 (11/09/2012) are not reliable.

SECTION Borehole SJ5

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



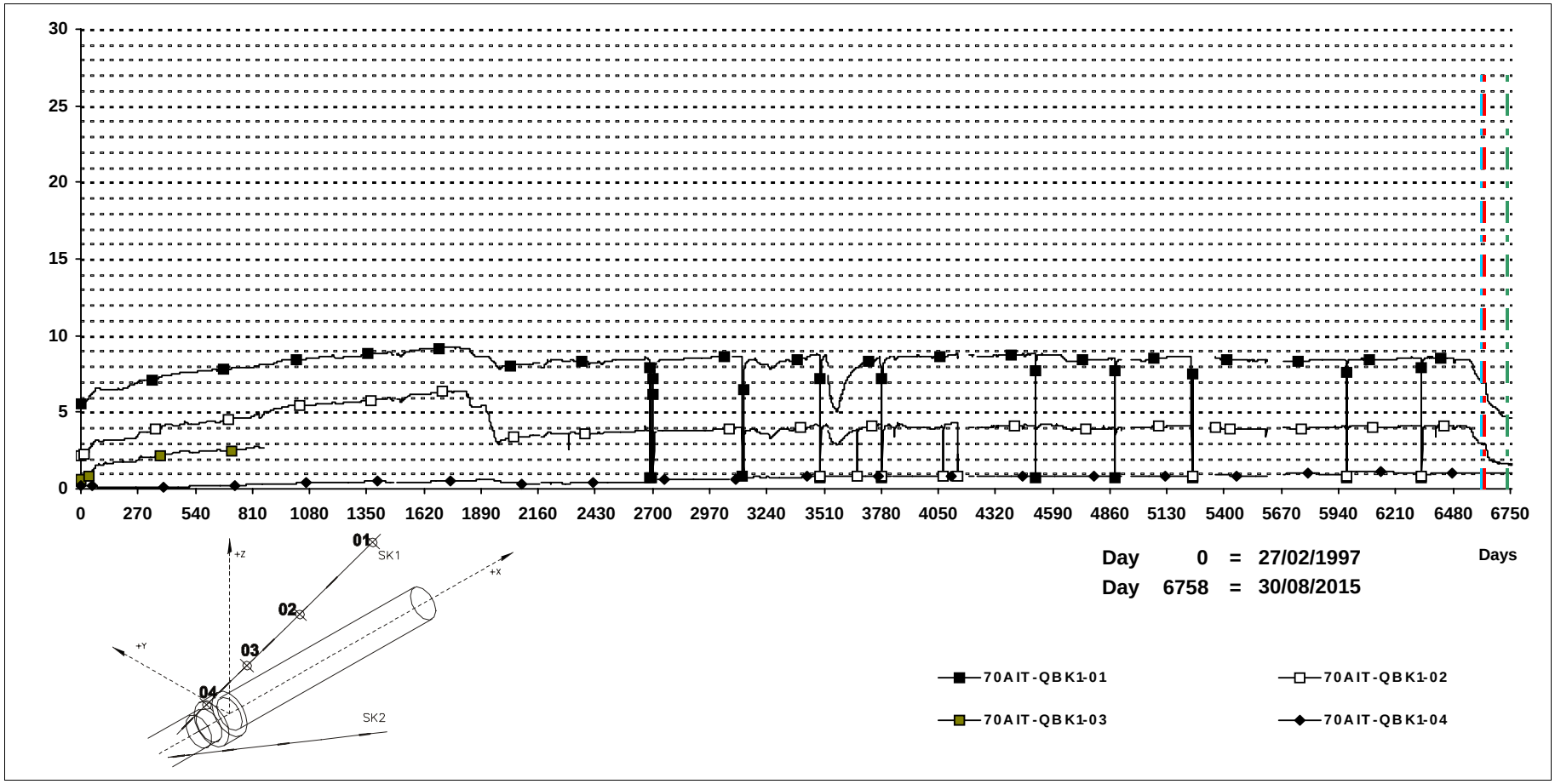
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values on day 2327 (13/07/03) t affected by hydrotesting campaign carried out by AITEMIN.
Values from day 2391 (15/09/03) to 2395 (19/09/03) and from day 2689 (9/07/04) to 2695 (15/07/04) affected by water samplings carried out by CIEMAT.
70AIT-QBJ5-01: Data from day 5675 (11/09/2012) are not reliable.

SECTION Borehole SK1

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100

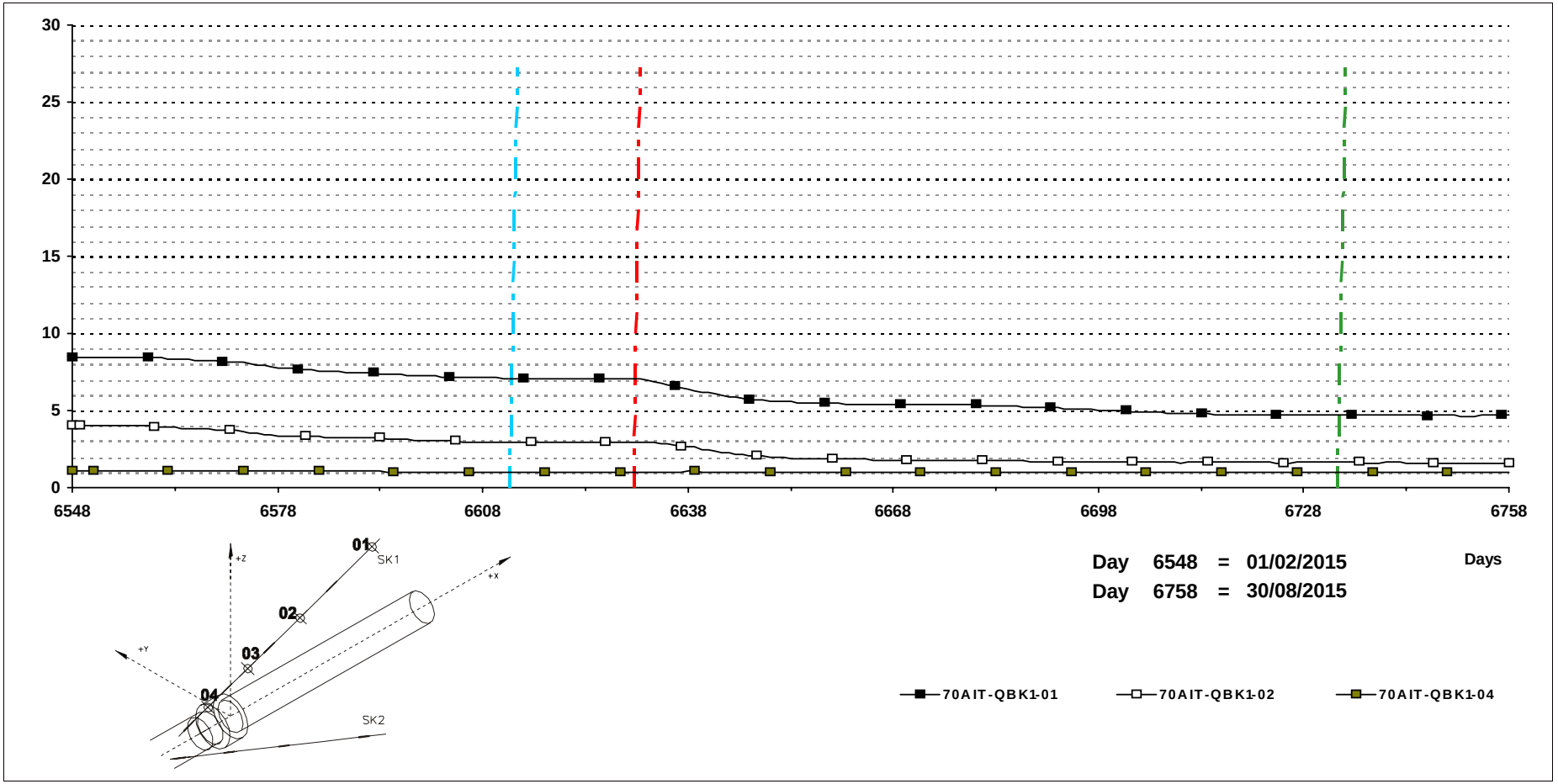


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2703 (23/07/04) affected by water sampling carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).
70AIT-QBK1-03: Sensor failure from day 866 (13/07/1999).

SECTION Borehole SK1

SENSOR TYPE: Hydraulic pressure (borehole). ***UNITS: kPa · 100***



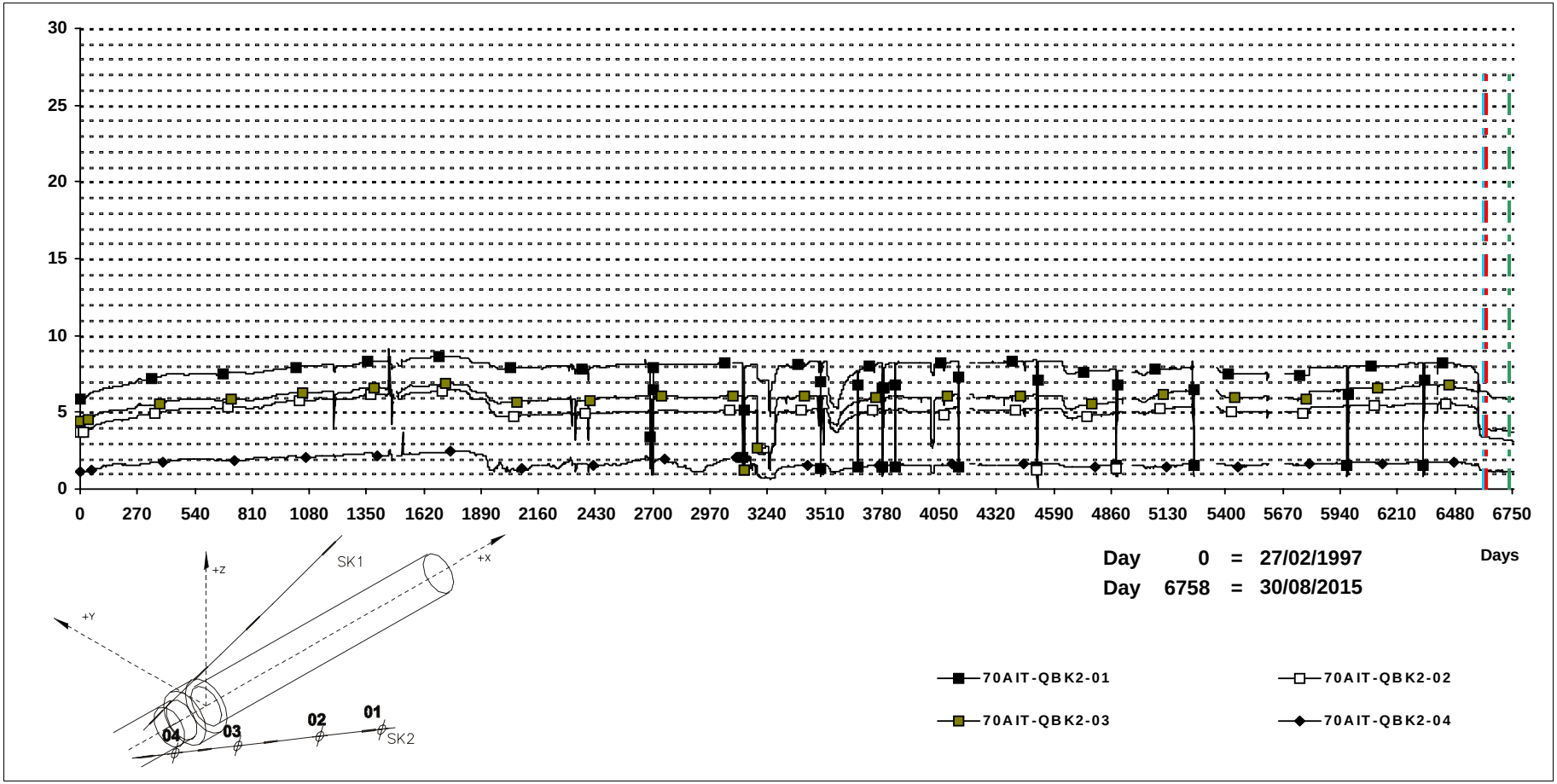
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2703 (23/07/04) affected by water sampling carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).
70AIT-QBK1-03: Sensor failure from day 866 (13/07/1999).

SECTION Borehole SK2

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



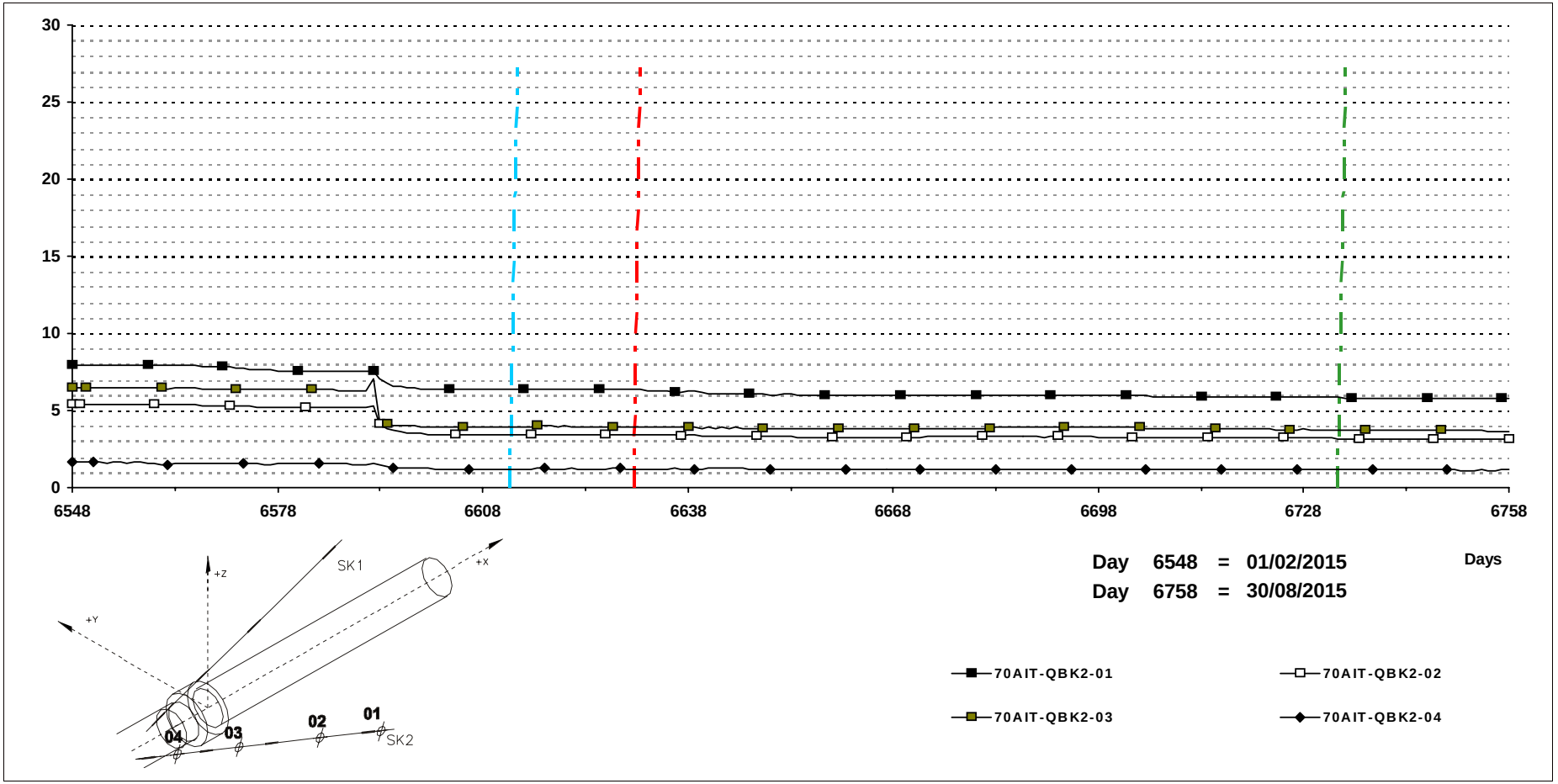
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2695 (15/07/04) affected by water sampling carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).

SECTION Borehole SK2

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



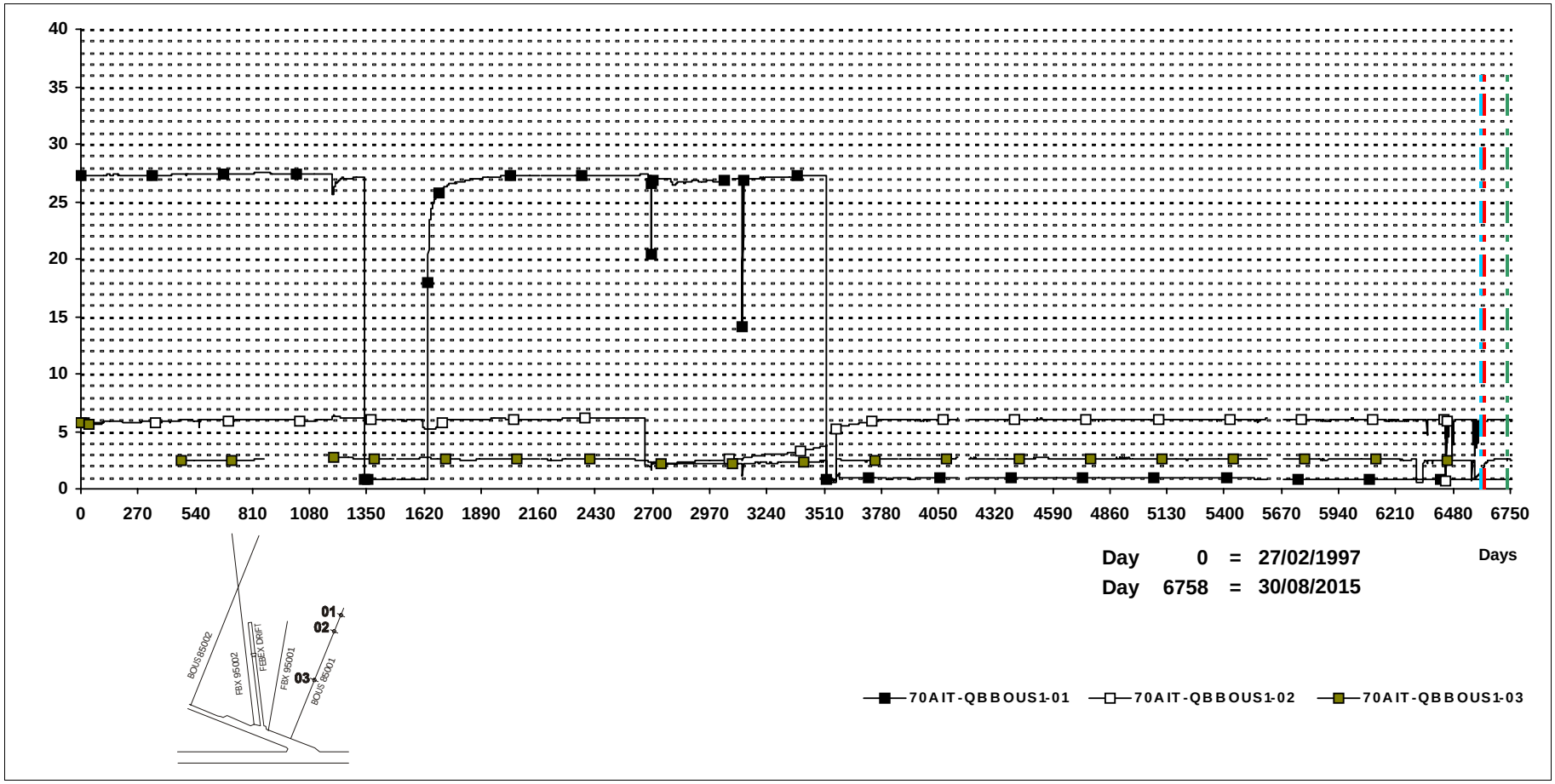
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2689 (9/07/04) to 2695 (15/07/04) affected by water sampling carried out by CIEMAT.
No data because of failure in the Data Acquisiton Unit from day 4914 (12/08/10) to day 4959 (26/09/10).

SECTION BOUS1

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100

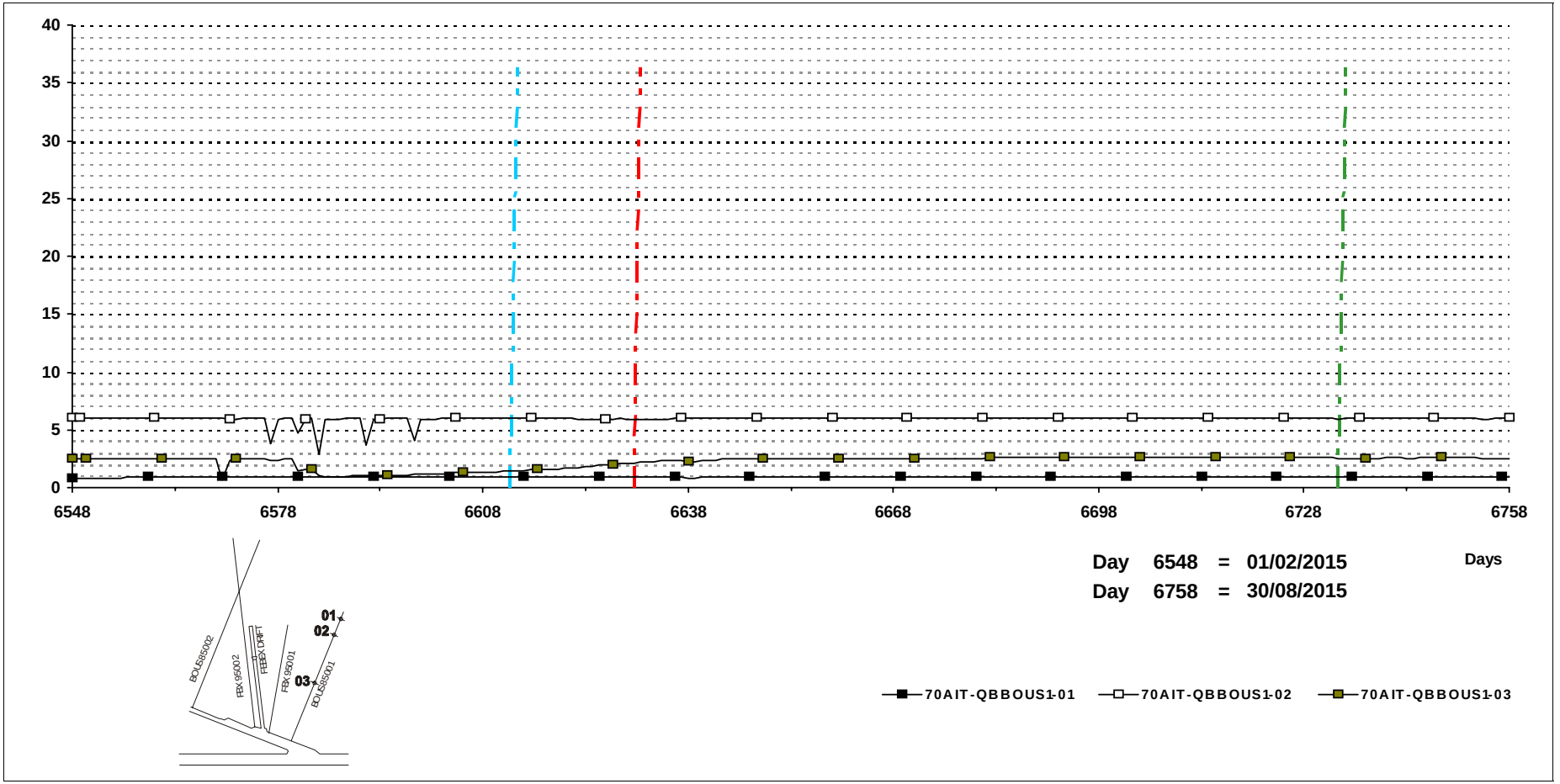


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2695 (15/07/04) to 2696 (16/07/04) affected by water sampling carried out by CIEMAT.
70AIT-QBBOUS1-03: Out of order from day 105 (12/06/1997) to 475 (17/06/1998). The sensor was changed on day 476 (18/06/1998). Data from day 866 (13/07/1999) to 1195 (06/06/2000) are not reliable.

SECTION BOUS1

SENSOR TYPE: Hydraulic pressure (borehole). ***UNITS: kPa · 100***



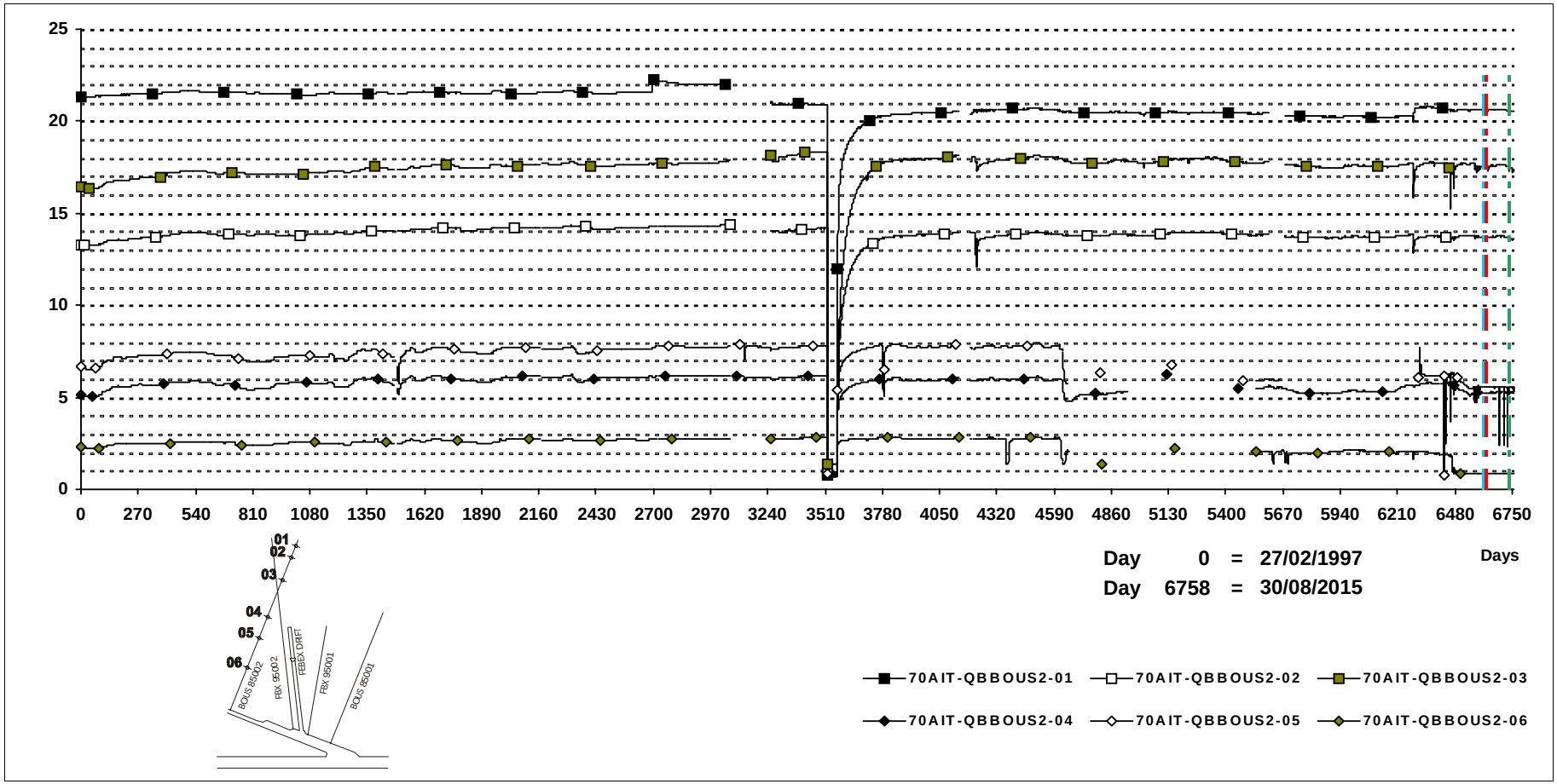
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2695 (15/07/04) to 2696 (16/07/04) affected by water sampling carried out by CIEMAT.
70AIT-QBBOUS1-03: Out of order from day 105 (12/06/1997) to 475 (17/06/1998). The sensor was changed on day 476 (18/06/1998). Data from day 866 (13/07/1999) to 1195 (06/06/2000) are not reliable.

SECTION BOUS2

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100

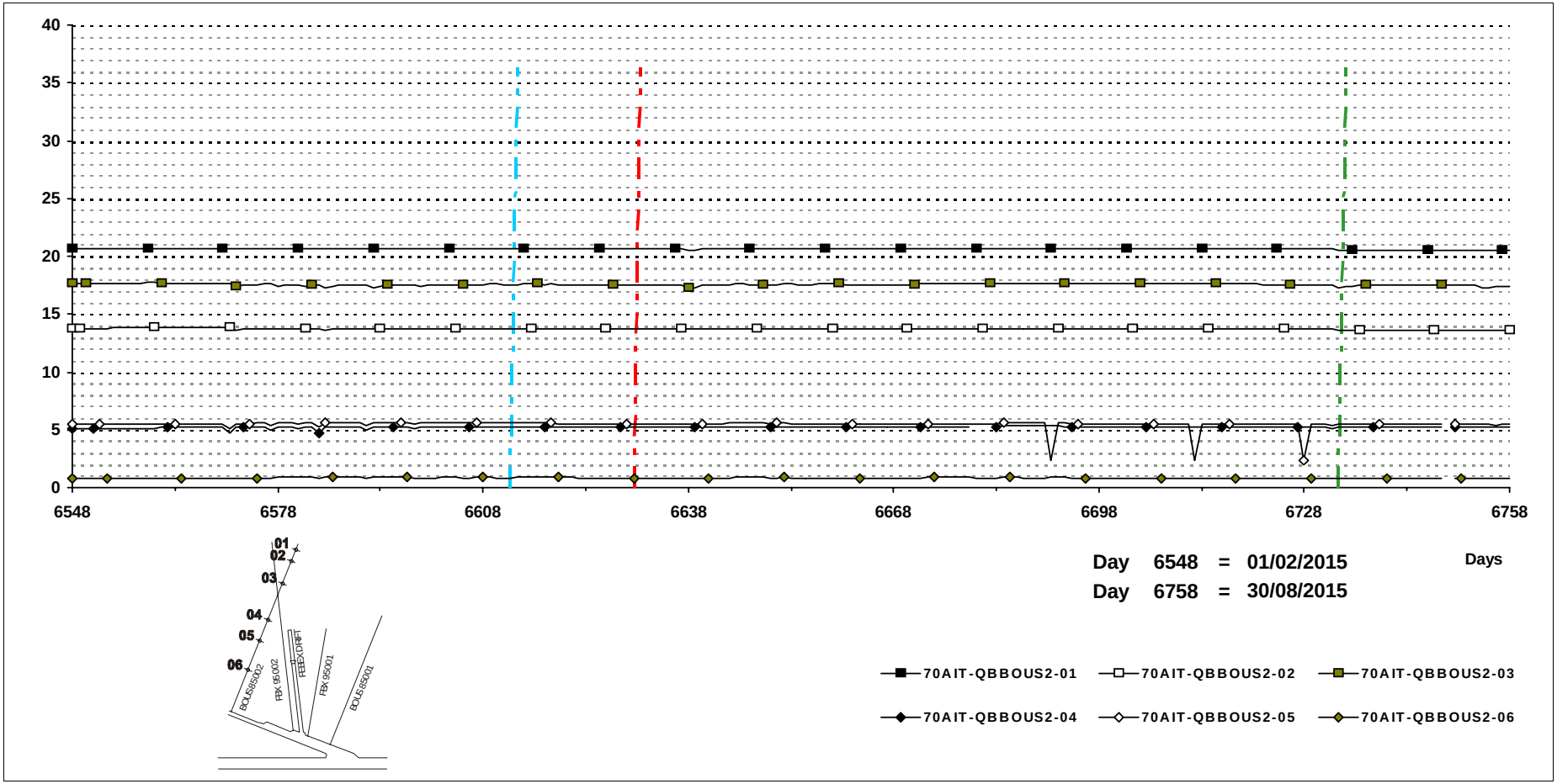


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-QBBOUS2-01 & 70AIT-QBBOUS2-02 & 70AIT-QBBOUS2-03: Data from day 3064 (19/07/2005) to 3253 (24/01/2006) are not reliable.
70AIT-QBBOUS2-05: Data from day 5659 (26/08/2012) are not reliable.
70AIT-QBBOUS2-06: Data from day 3064 (19/07/2005) to 3253 (24/01/2006) are not reliable.

SECTION BOUS2

SENSOR TYPE: Hydraulic pressure (borehole). ***UNITS: kPa · 100***



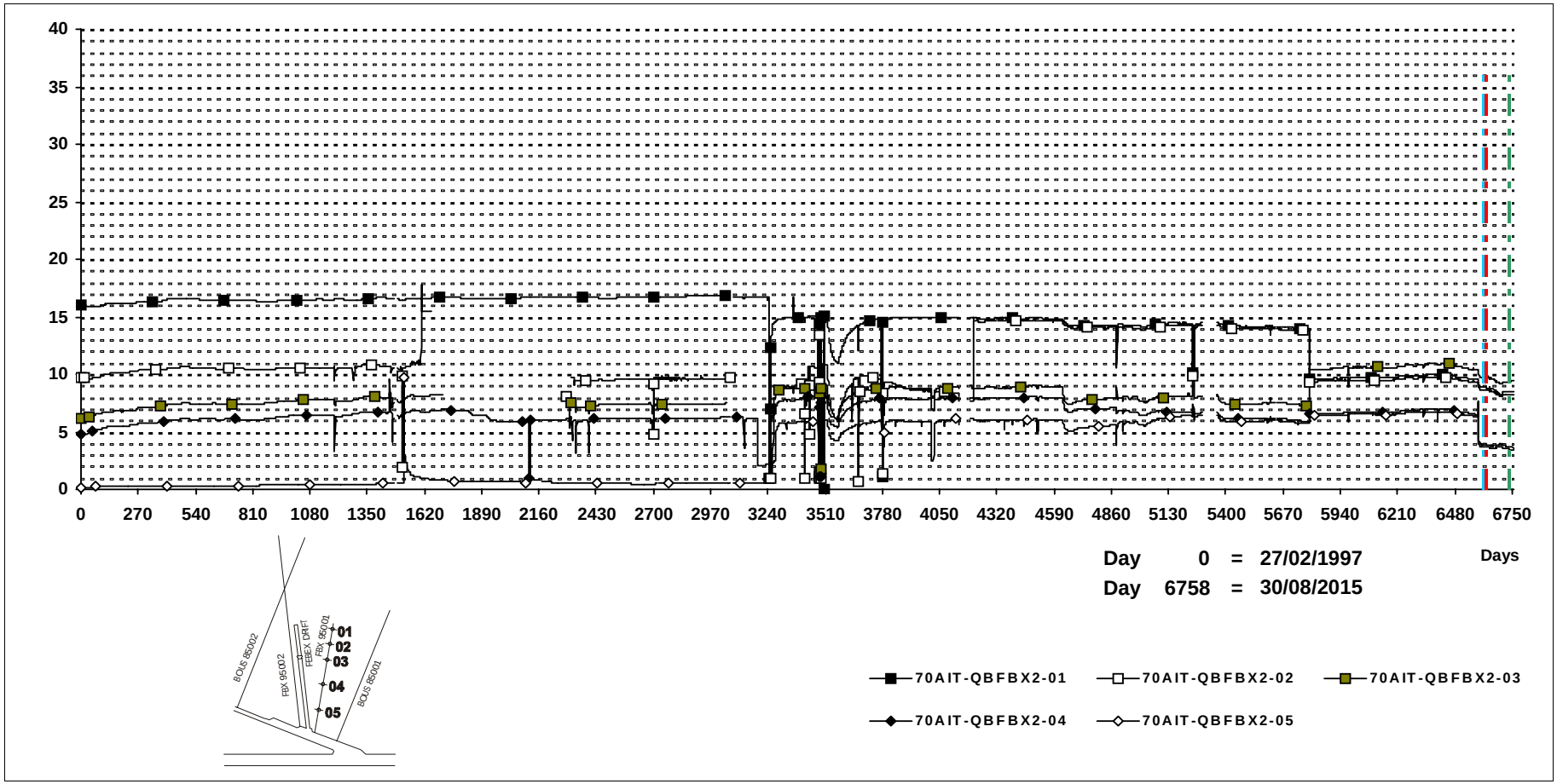
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-QBBOUS2-01 & 70AIT-QBBOUS2-02 & 70AIT-QBBOUS2-03: Data from day 3064 (19/07/2005) to 3253 (24/01/2006) are not reliable.
70AIT-QBBOUS2-05: Data from day 5659 (26/08/2012) are not reliable.
70AIT-QBBOUS2-06: Data from day 3064 (19/07/2005) to 3253 (24/01/2006) are not reliable.

SECTION FBX1

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100

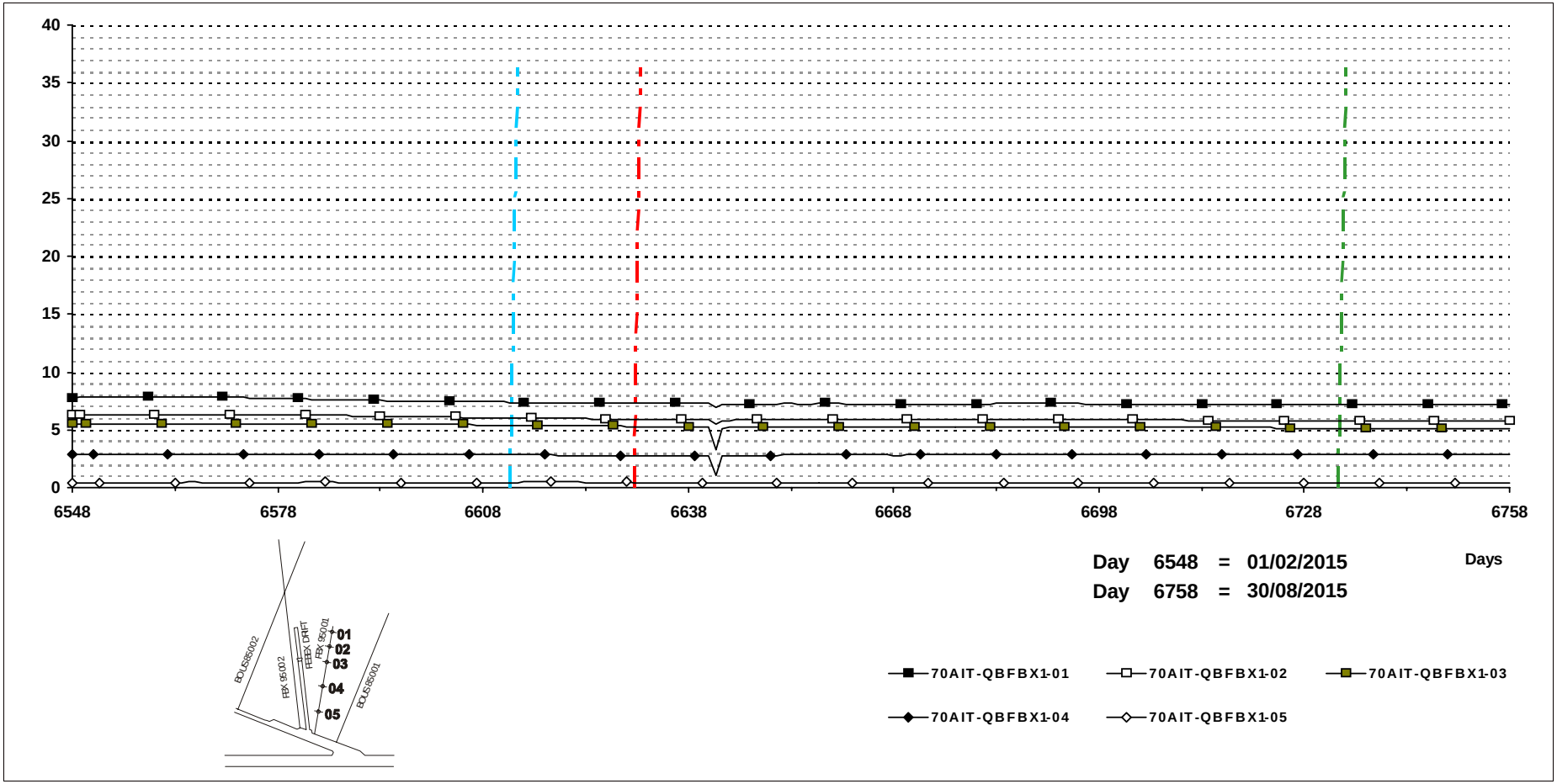


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2698 (18/07/04) to 2701 (21/07/04) affected by water sampling carried out by CIEMAT.
70AIT-QBFBX1-04 & 70AIT-QBFBX1-05: Data from day 3064 (19/07/2005) to 3288 (28/02/2006) are not reliable.

SECTION FBX1

SENSOR TYPE: Hydraulic pressure (borehole). ***UNITS: kPa · 100***



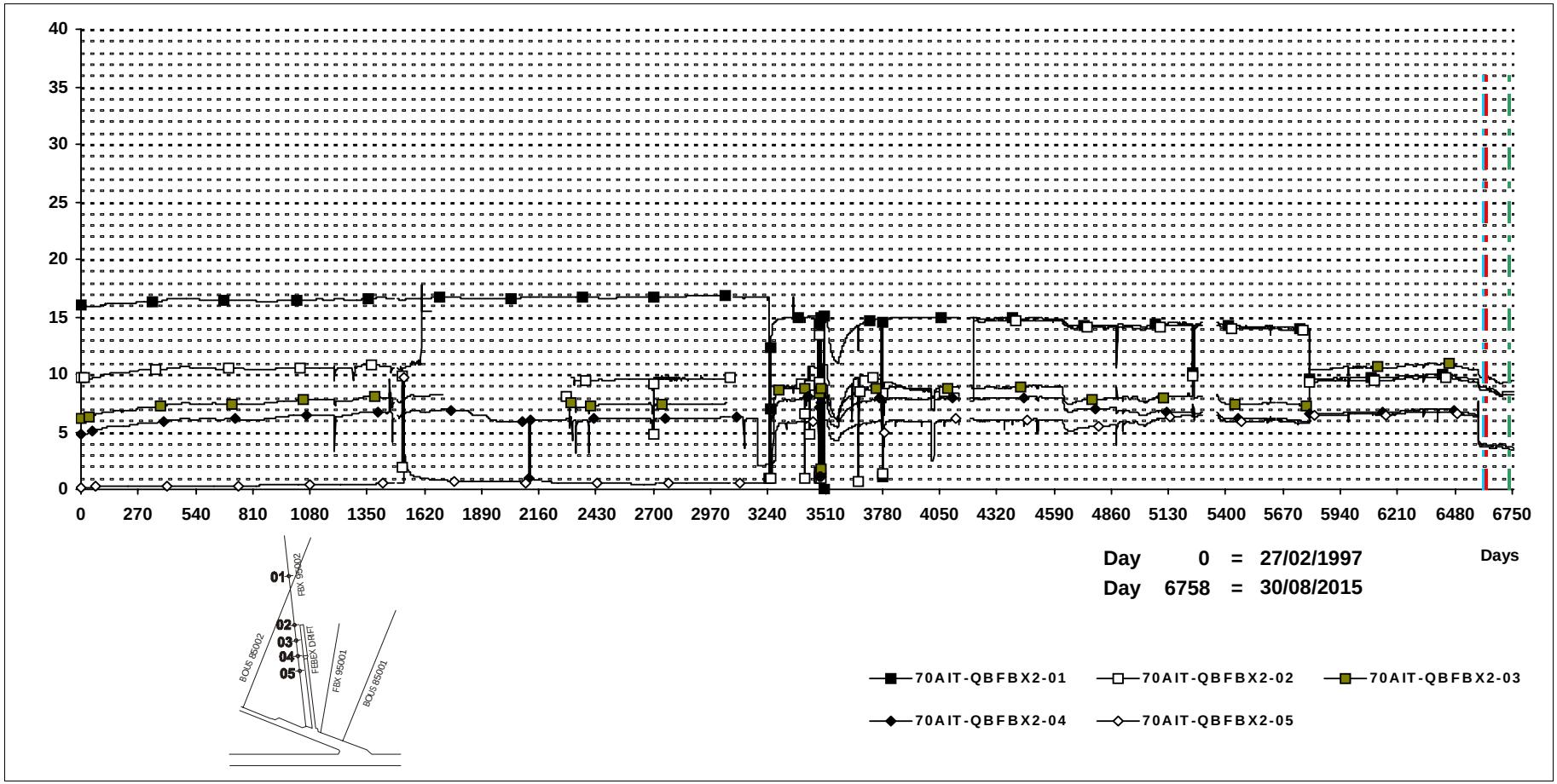
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2698 (18/07/04) to 2701 (21/07/04) affected by water sampling carried out by CIEMAT.
70AIT-QBFBX1-04 & 70AIT-QBFBX1-05: Data from day 3064 (19/07/2005) to 3288 (28/02/2006) are not reliable.

SECTION FBX2

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



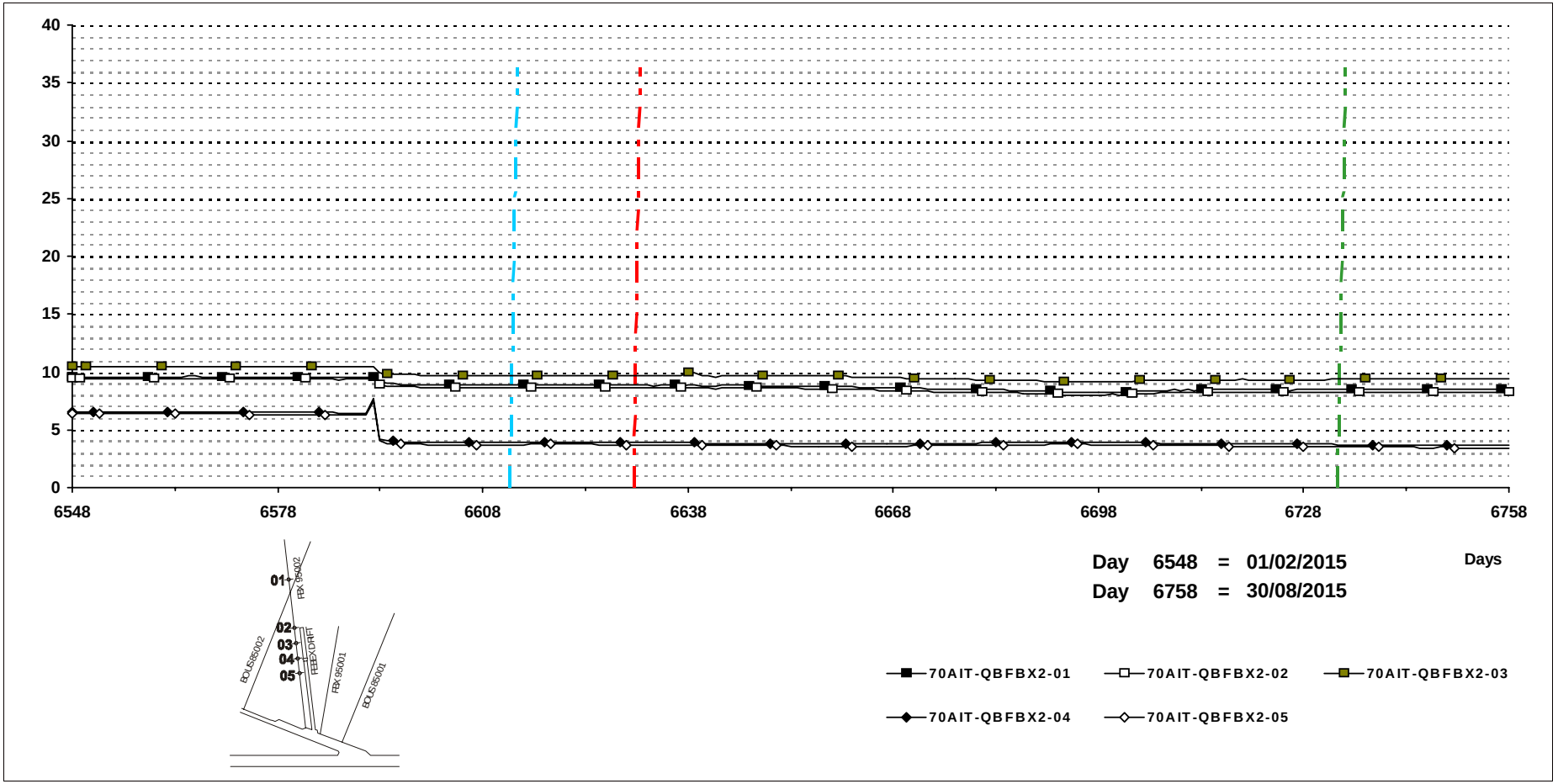
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2695 (15/07/04) to 2699 (19/07/04) affected by water sampling carried out by CIEMAT.
70AIT-QBFBX2-02: Data from day 1652 (06/09/2001) to 2288 (04/06/2003) are not reliable. Data from day 3064 (19/07/2005) to 3253 (24/01/2006) are not reliable.
70AIT-QBFBX2-03: Data from day 1709 (02/11/2001) to 2308 (24/06/2003) are not reliable. Data from day 3064 (19/07/2005) to 3253 (24/01/2006) are not reliable.

SECTION FBX2

SENSOR TYPE: Hydraulic pressure (borehole).

UNITS: kPa · 100



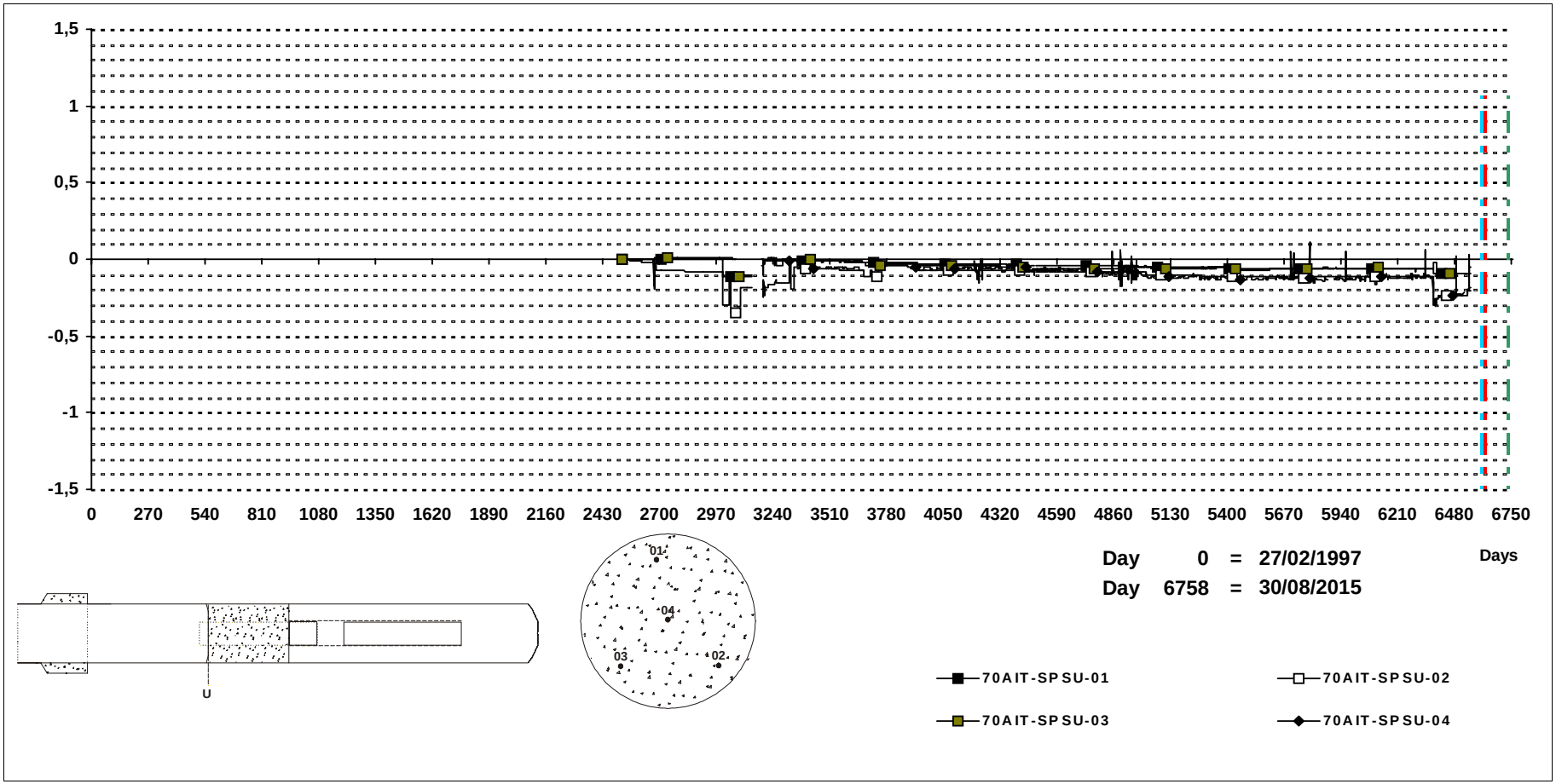
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Values from day 2695 (15/07/04) to 2699 (19/07/04) affected by water sampling carried out by CIEMAT.
70AIT-QBFBX2-02: Data from day 1652 (06/09/2001) to 2288 (04/06/2003) are not reliable. Data from day 3064 (19/07/2005) to 3253 (24/01/2006) are not reliable.
70AIT-QBFBX2-03: Data from day 1709 (02/11/2001) to 2308 (24/06/2003) are not reliable. Data from day 3064 (19/07/2005) to 3253 (24/01/2006) are not reliable.

SECTION U

SENSOR TYPE: Plug displacement.

UNITS: mm

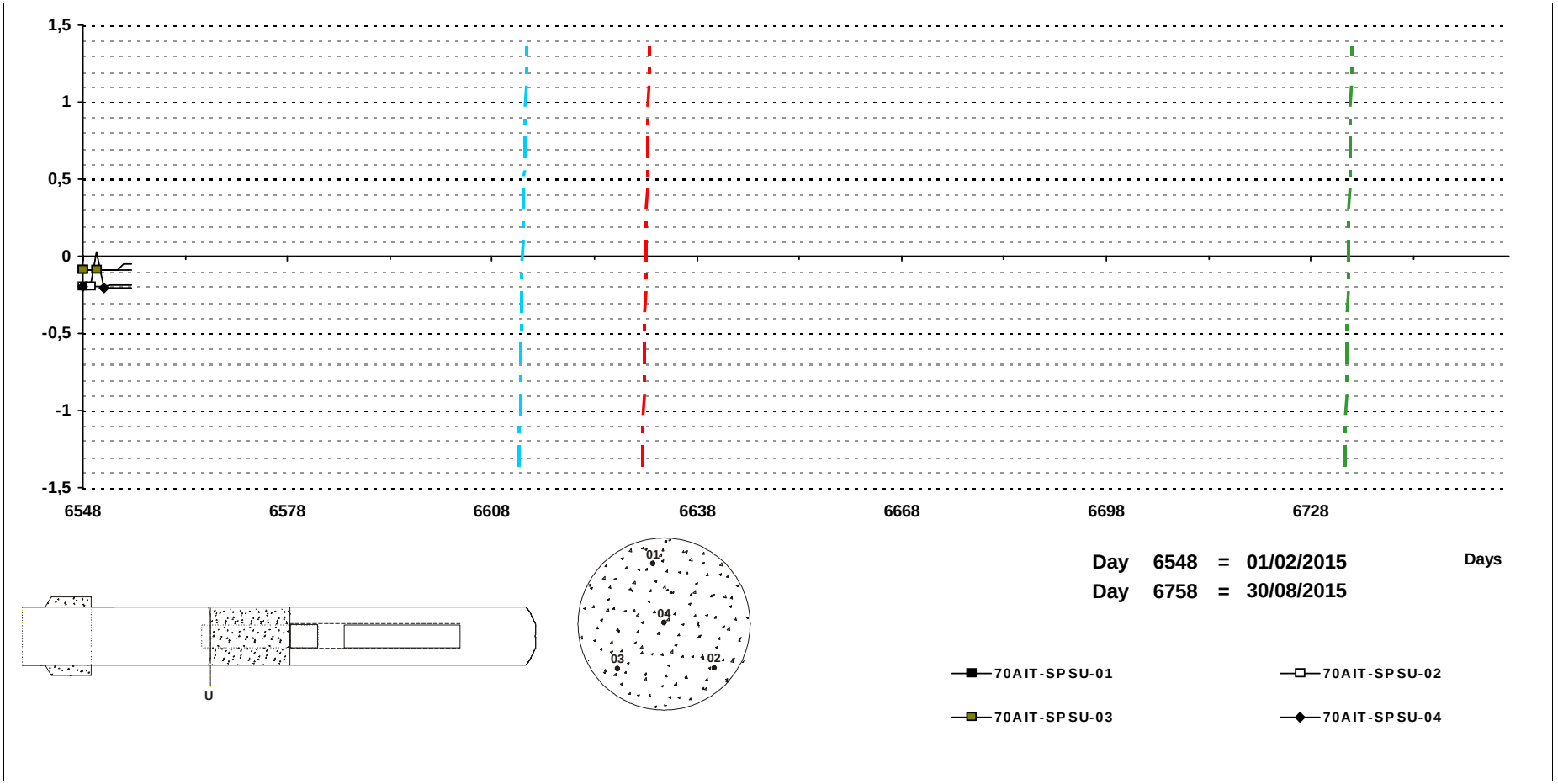


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 2310 (26/06/03).
70 AIT-SPSU-01, 70 AIT-SPSU-02, 70 AIT-SPSU-03 & 70 AIT-SPSU-04: data are not reliable from day 2310 (26/06/03) to 2525 (27/01/04)
70AIT-SPSU-01 & 70AIT-SPSU-02 & 70AIT-SPSU-03: Data from day 3064 (19/07/2005) to 3071 (26/07/2005) are not reliable. Data from day 3144 (07/10/2005) to 3183 (15/11/2005) are not reliable.

SECTION U

SENSOR TYPE: Plug displacement. ***UNITS: mm***



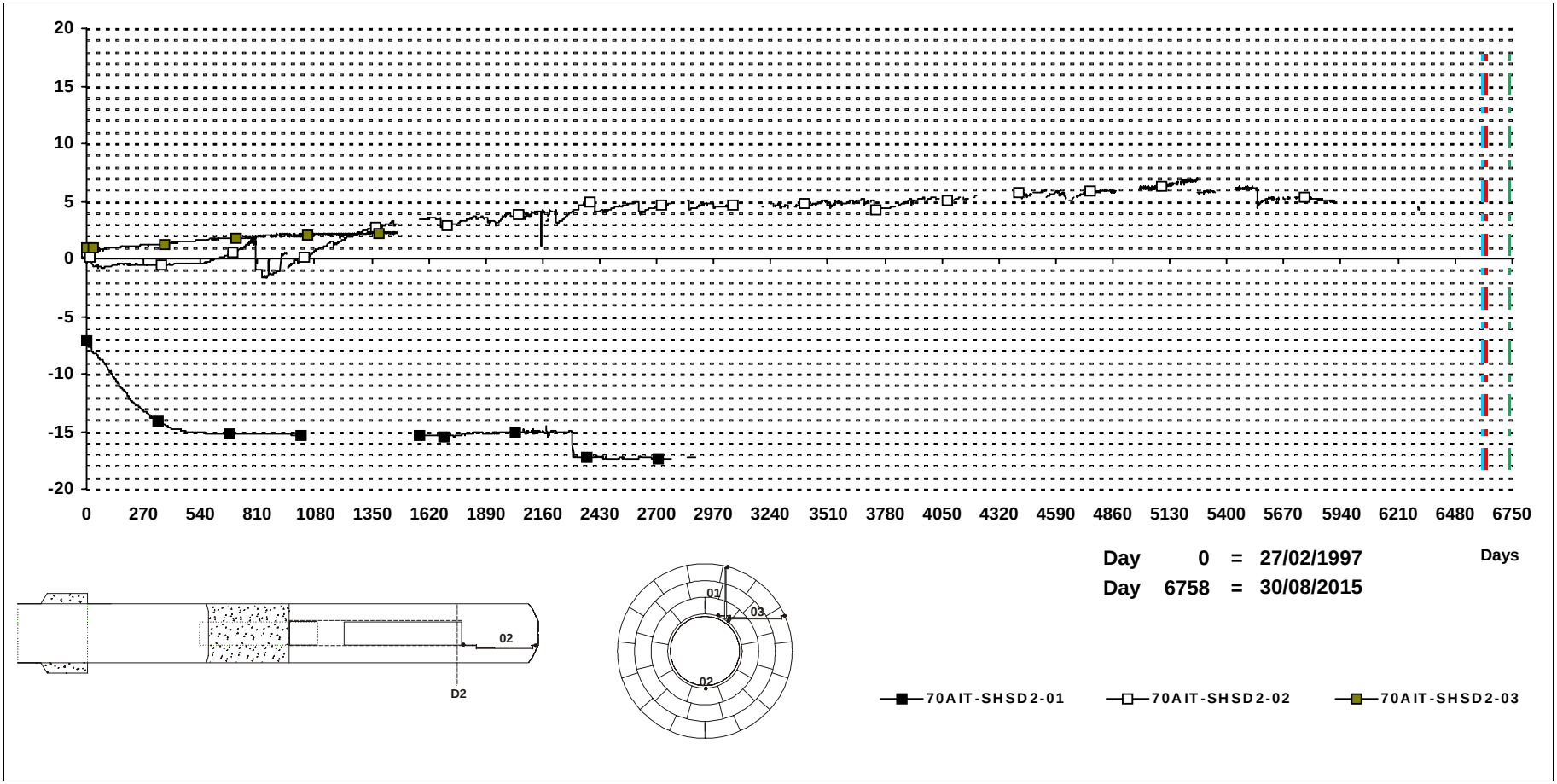
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 2310 (26/06/03).
70 AIT-SPSU-01, 70 AIT-SPSU-02, 70 AIT-SPSU-03 & 70 AIT-SPSU-04: data are not reliable from day 2310 (26/06/03) to 2525 (27/01/04)
70AIT-SPSU-01 & 70AIT-SPSU-02 & 70AIT-SPSU-03: Data from day 3064 (19/07/2005) to 3071 (26/07/2005) are not reliable. Data from day 3144 (07/10/2005) to 3183 (15/11/2005) are not reliable.

SECTION D2

SENSOR TYPE: Heater displacement.

UNITS: mm

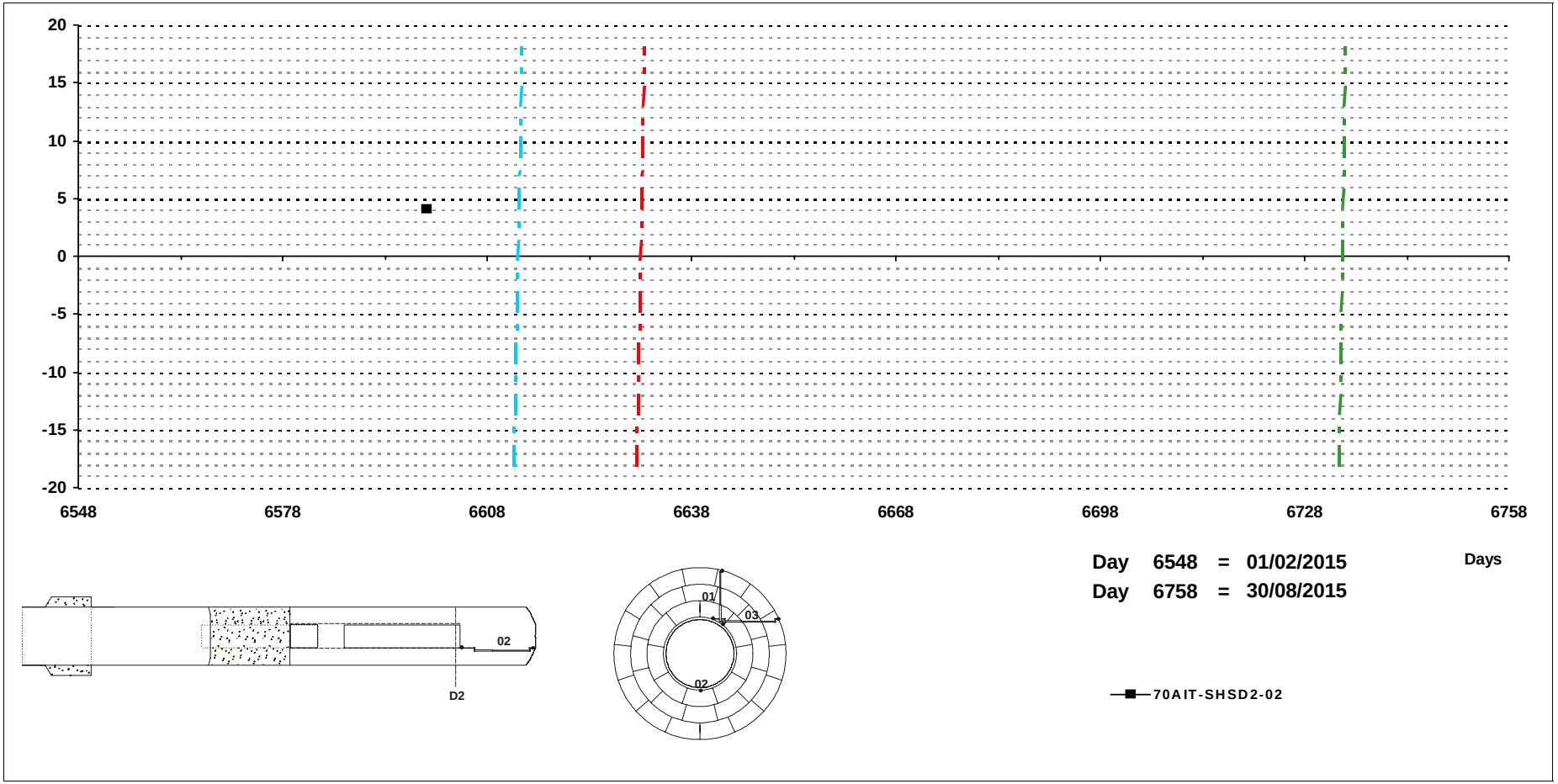


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 2769 (27/09/04) to 2845 (12/12/04). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-SHSD2-01: Data from day 1019 (13/12/1999) to 1469 (07/03/2001) are not reliable. Data from day 2881 (17/01/2005) are not reliable.
70AIT-SHSD2-02: Data on day 3064 (19/07/2005) are not reliable. Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3247 (18/01/2006) to 3248 (19/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3258 (29/01/2006) are not reliable. Data from day 3269 (09/02/2006) to 3269 (09/02/2006) are not reliable. Data from day 3285 (25/02/2006) to 3286 (26/02/2006) are not reliable.
70AIT-SHSD2-03: Out of order from day 1572 (18/06/2001).

SECTION D2

SENSOR TYPE: Heater displacement. ***UNITS: mm***



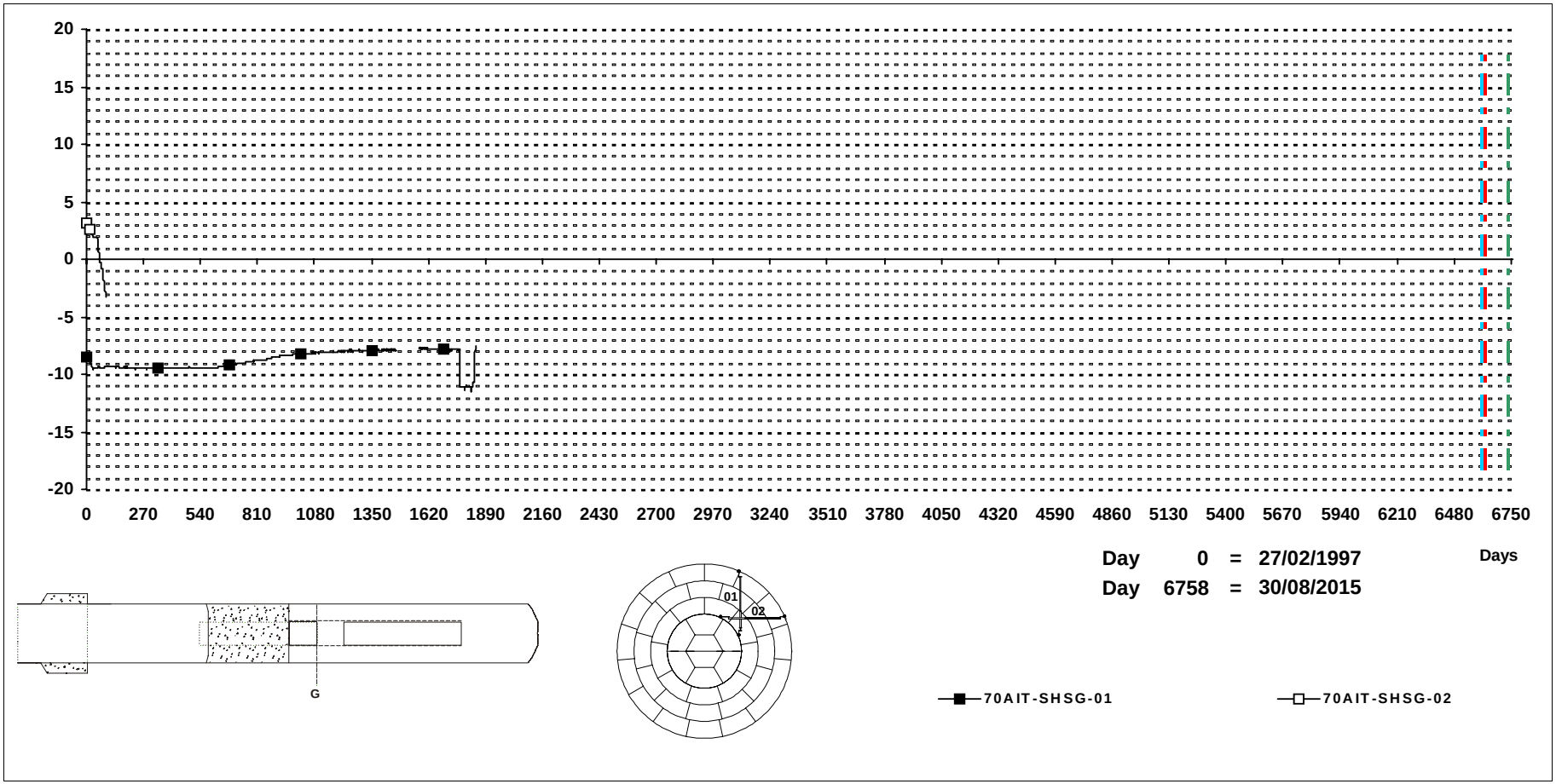
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 2769 (27/09/04) to 2845 (12/12/04). No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-SHSD2-01: Data from day 1019 (13/12/1999) to 1469 (07/03/2001) are not reliable. Data from day 2881 (17/01/2005) are not reliable.
70AIT-SHSD2-02: Data on day 3064 (19/07/2005) are not reliable. Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3247 (18/01/2006) to 3248 (19/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3258 (29/01/2006) are not reliable. Data from day 3269 (09/02/2006) to 3269 (09/02/2006) are not reliable. Data from day 3285 (25/02/2006) to 3286 (26/02/2006) are not reliable.
70AIT-SHSD2-03: Out of order from day 1572 (18/06/2001).

SECTION G

SENSOR TYPE: Heater displacement.

UNITS: mm

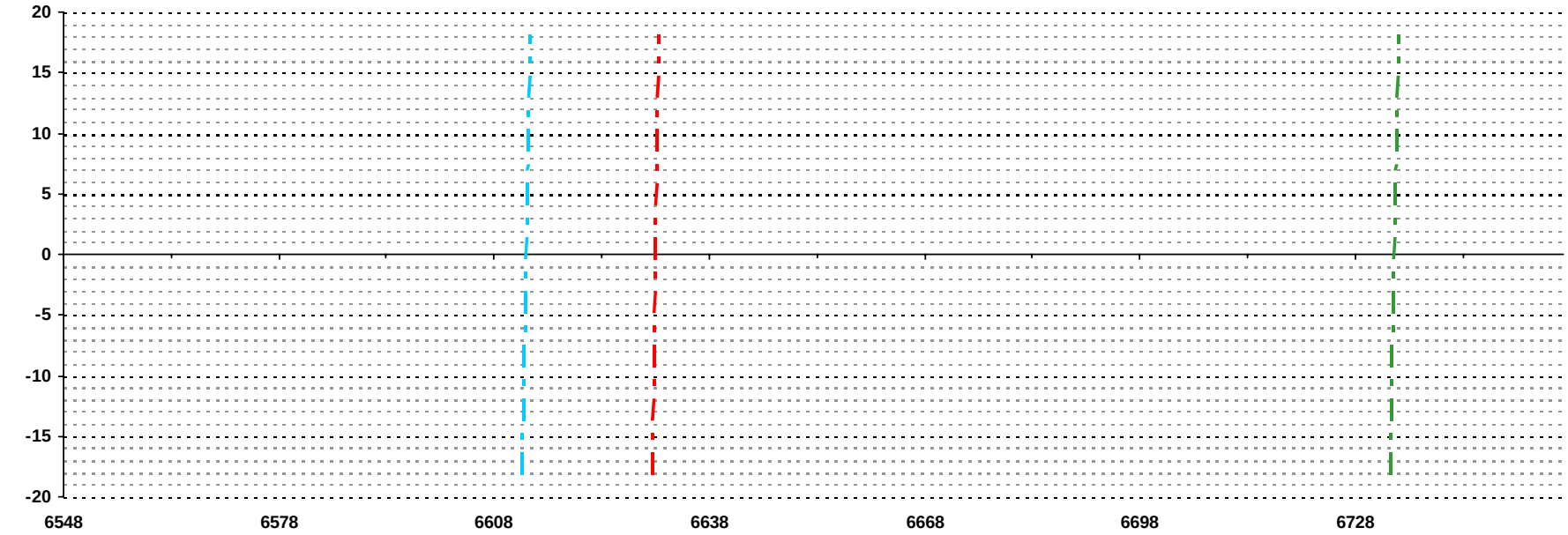


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-SHSG-01: Out of order from day 1845 (18/03/2002).
70AIT-SHSG-02: Out of order from day 93 (31/05/1997).

SECTION G

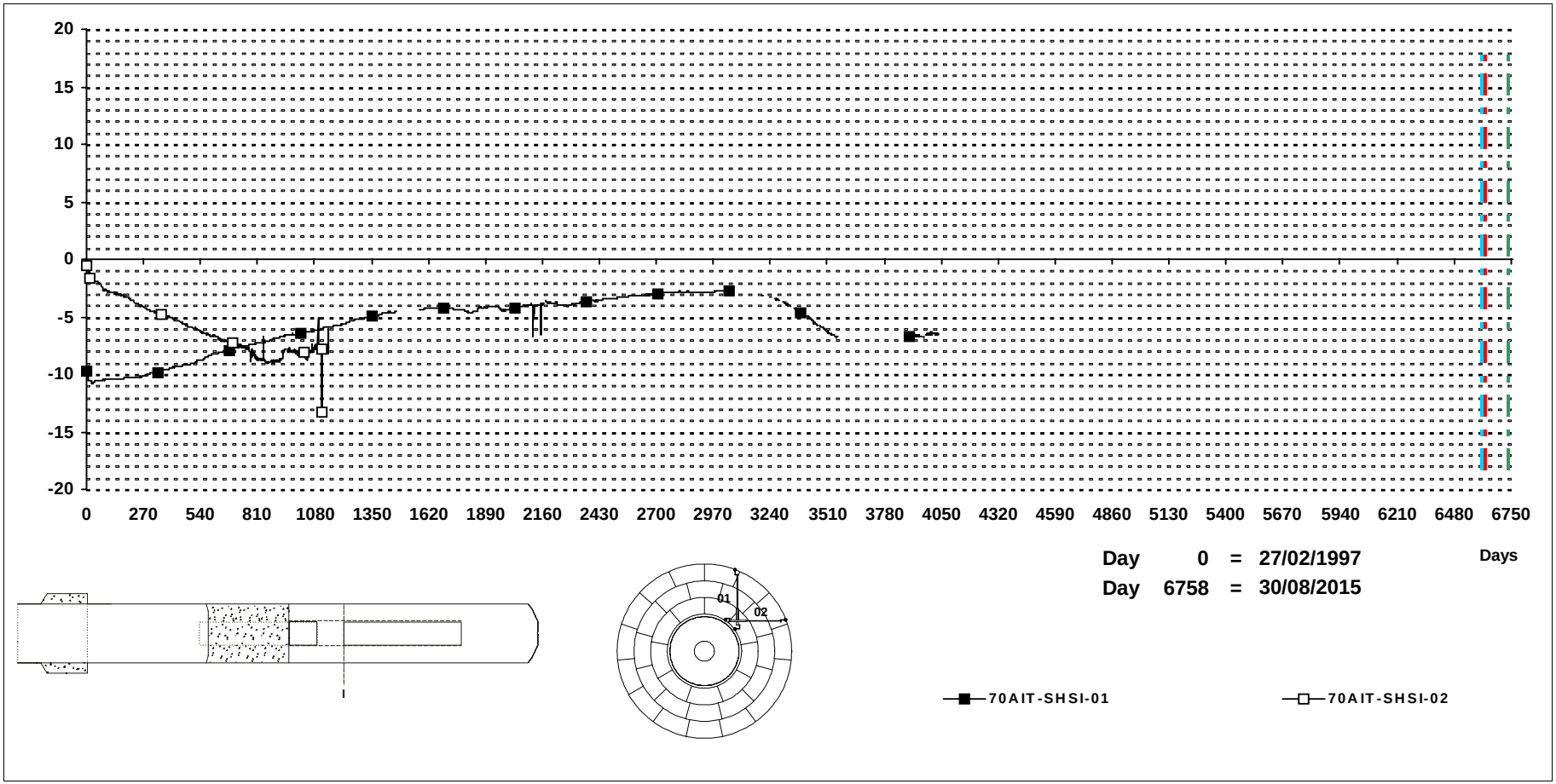
SENSOR TYPE: Heater displacement. ***UNITS: mm***



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-SHSG-01: Out of order from day 1845 (18/03/2002).
70AIT-SHSG-02: Out of order from day 93 (31/05/1997).

SECTION I ***SENSOR TYPE: Heater displacement.*** ***UNITS: mm***

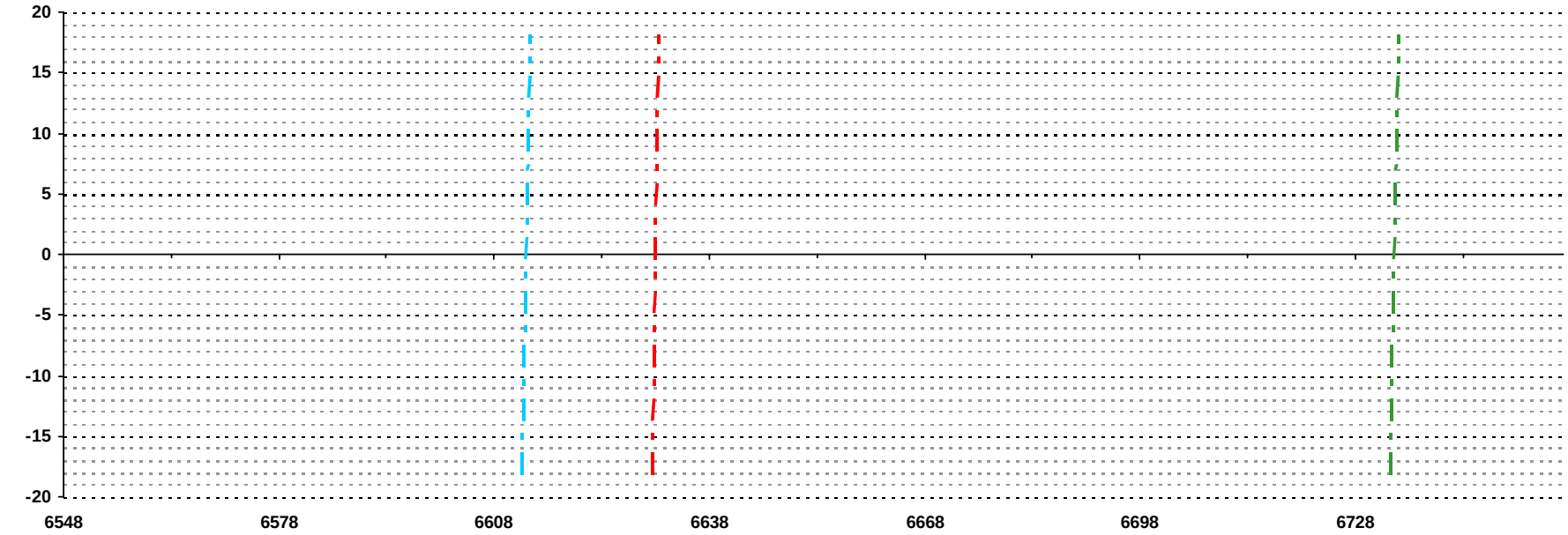


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-SHSI-01: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3583 (20/12/2006) to 3895 (28/10/2007) are not reliable. Data from day 4103 (23/05/2008) are not reliable.
70AIT-SHSI-02: Out of order from day 1148 (20/04/2000).

SECTION I

SENSOR TYPE: Heater displacement. ***UNITS: mm***



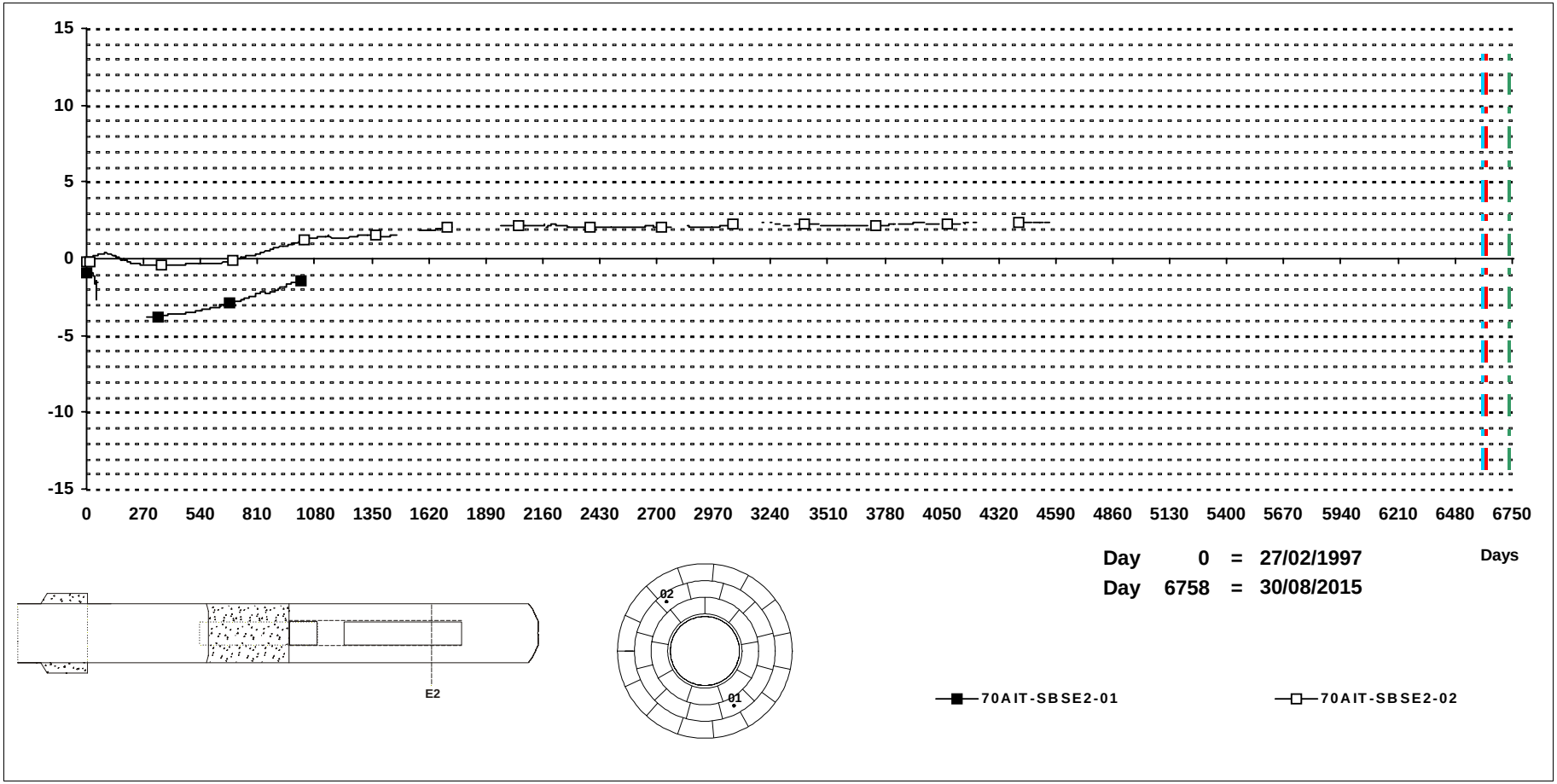
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-SHSI-01: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3583 (20/12/2006) to 3895 (28/10/2007) are not reliable. Data from day 4103 (23/05/2008) are not reliable.
70AIT-SHSI-02: Out of order from day 1148 (20/04/2000).

SECTION E2

SENSOR TYPE: Bentonite block displacement.

UNITS: mm

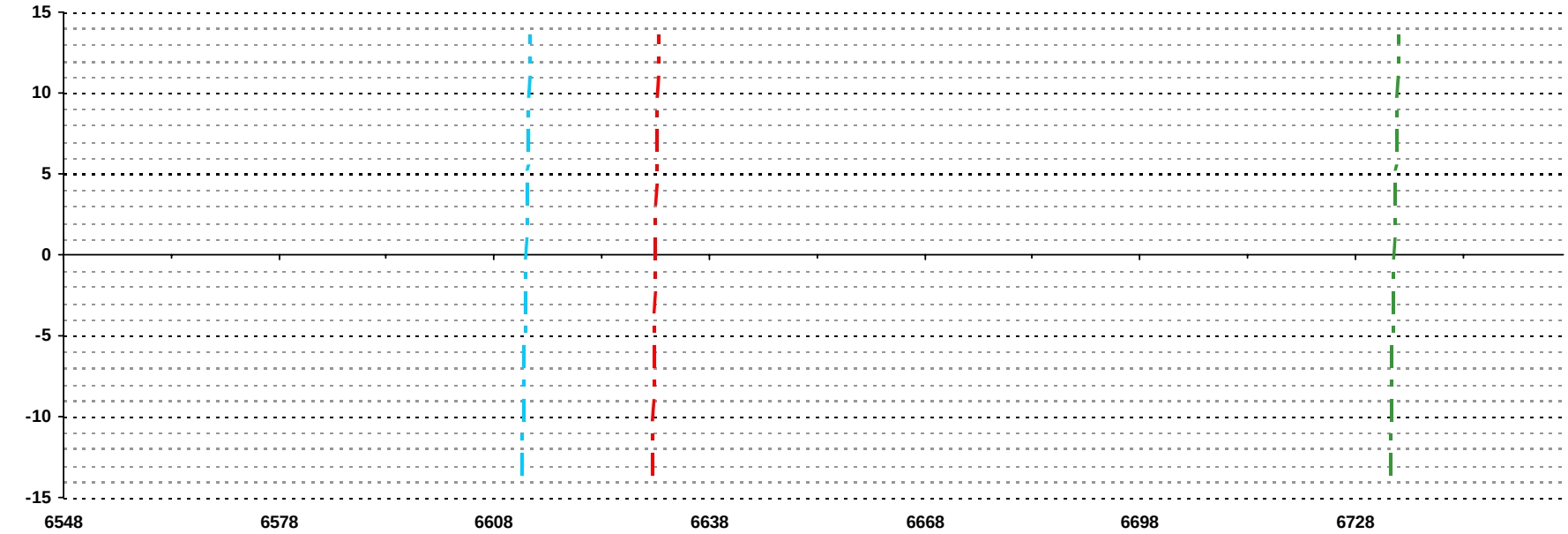


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in the Data Acquisition Unit from day 2769 (27/09/04) to 2845 (12/12/04).
70AIT-SBSE2-01: No data from day 52 (20/04/1997) to 83 (21/05/1997) because associated temperature sensor reading failure. Data from day 85 (23/05/1997) to 283 (07/12/1997) are not reliable. Out of order from day 1019 (13/12/1999).
70AIT-SBSE2-02: Data from day 1727 (20/11/2001) to 1959 (10/07/2002) are not reliable. Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3247 (18/01/2006) to 3248 (19/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3258 (29/01/2006) are not reliable. Data from day 3269 (09/02/2006) to 3269 (09/02/2006) are not reliable. Data from day 3285 (25/02/2006) to 3286 (26/02/2006) are not reliable. Out of order from day 4563 (26/08/2009).

SECTION E2

SENSOR TYPE: Bentonite block displacement. ***UNITS: mm***



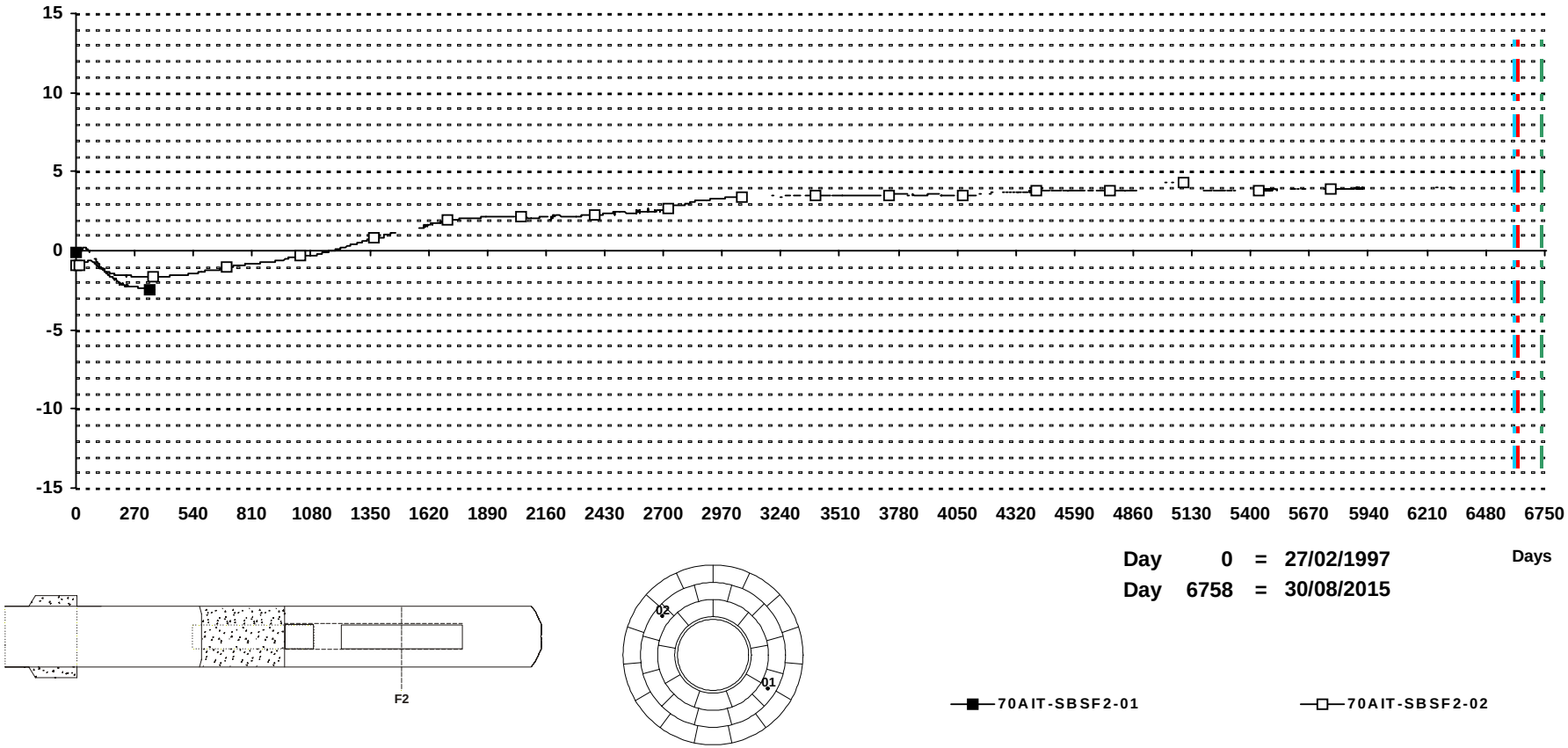
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in the Data Acquisition Unit from day 2769 (27/09/04) to 2845 (12/12/04).
70AIT-SBSE2-01: No data from day 52 (20/04/1997) to 83 (21/05/1997) because associated temperature sensor reading failure. Data from day 85 (23/05/1997) to 283 (07/12/1997) are not reliable. Out of order from day 1019 (13/12/1999).
70AIT-SBSE2-02: Data from day 1727 (20/11/2001) to 1959 (10/07/2002) are not reliable. Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3247 (18/01/2006) to 3248 (19/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3258 (29/01/2006) are not reliable. Data from day 3269 (09/02/2006) to 3269 (09/02/2006) are not reliable. Data from day 3285 (25/02/2006) to 3286 (26/02/2006) are not reliable. Out of order from day 4563 (26/08/2009).

SECTION F2

SENSOR TYPE: Bentonite block displacement.

UNITS: mm

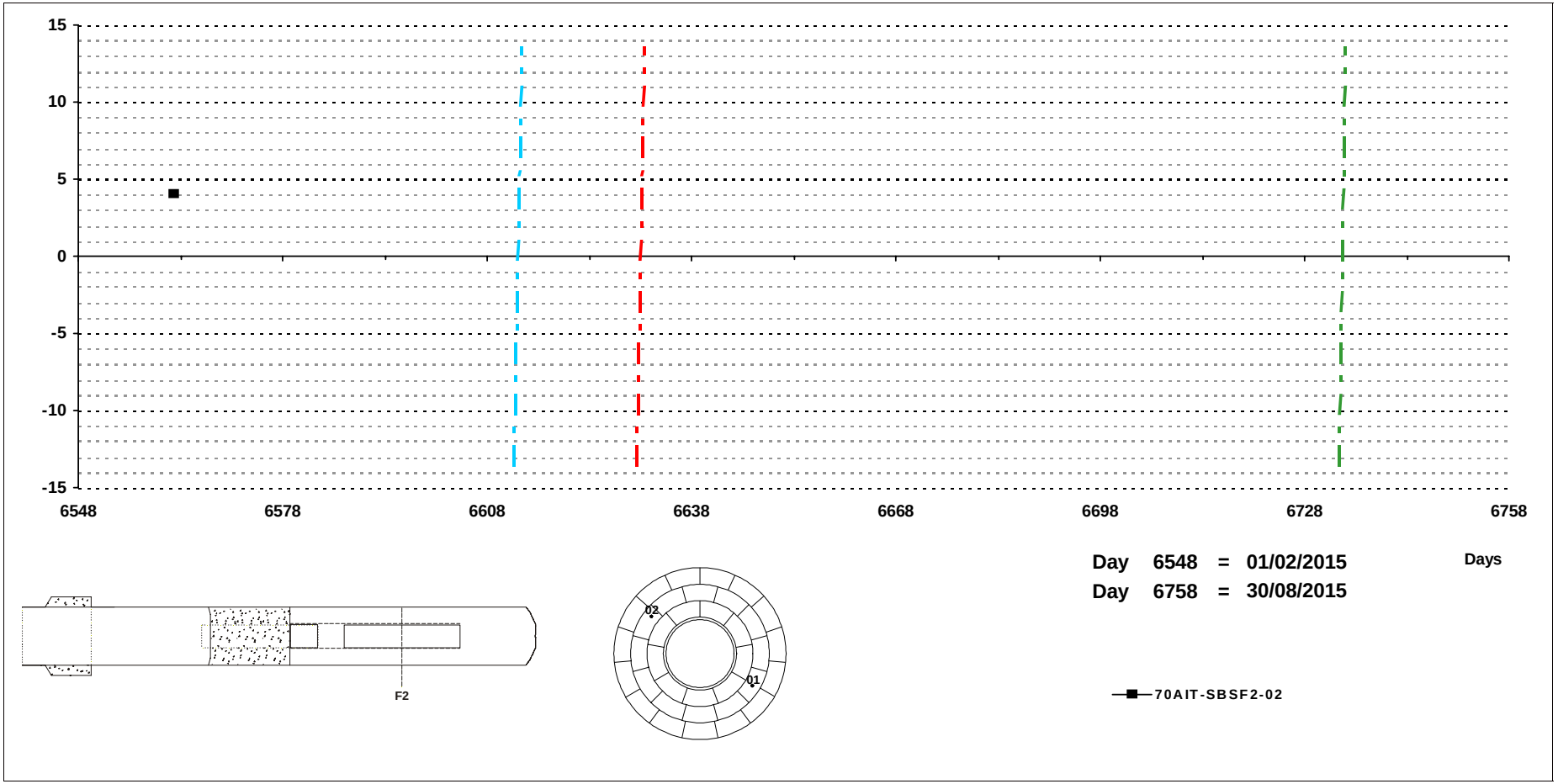


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-SBSF2-01: Data from day 63 (01/05/1997) to 83 (21/05/1997) are not reliable. Out of order from day 360 (22/02/1998).
70AIT-SBSF2-02: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3247 (18/01/2006) to 3248 (19/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3258 (29/01/2006) are not reliable. Data from day 3269 (09/02/2006) to 3269 (09/02/2006) are not reliable. Data from day 3285 (25/02/2006) to 3286 (26/02/2006) are not reliable.

SECTION F2

SENSOR TYPE: Bentonite block displacement. ***UNITS: mm***



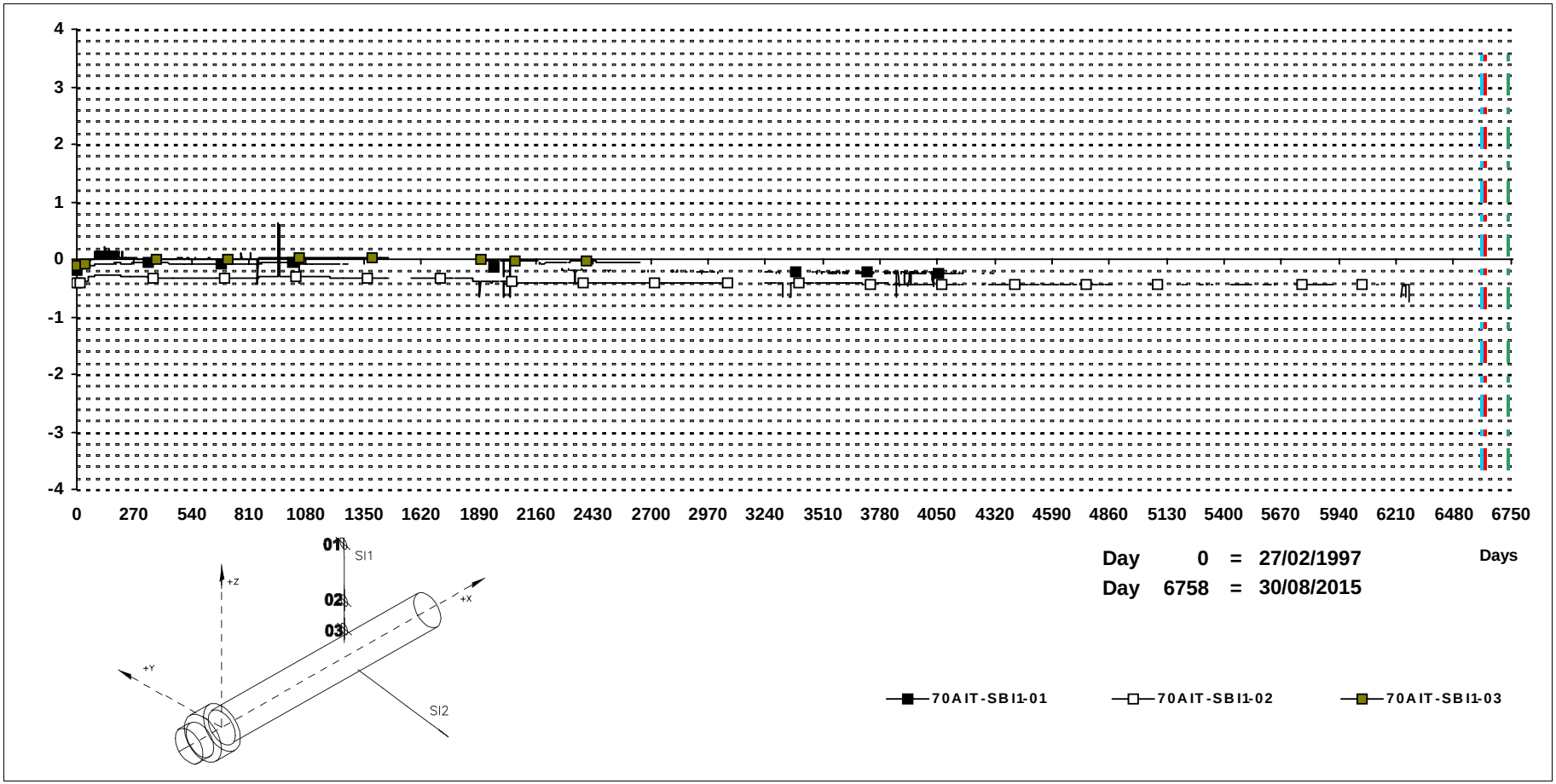
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-SBSF2-01: Data from day 63 (01/05/1997) to 83 (21/05/1997) are not reliable. Out of order from day 360 (22/02/1998).
70AIT-SBSF2-02: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable. Data from day 3204 (06/12/2005) to 3237 (08/01/2006) are not reliable. Data from day 3247 (18/01/2006) to 3248 (19/01/2006) are not reliable. Data from day 3252 (23/01/2006) to 3258 (29/01/2006) are not reliable. Data from day 3269 (09/02/2006) to 3269 (09/02/2006) are not reliable. Data from day 3285 (25/02/2006) to 3286 (26/02/2006) are not reliable.

SECTION Borehole SI1

SENSOR TYPE: Rock extensometer.

UNITS: mm

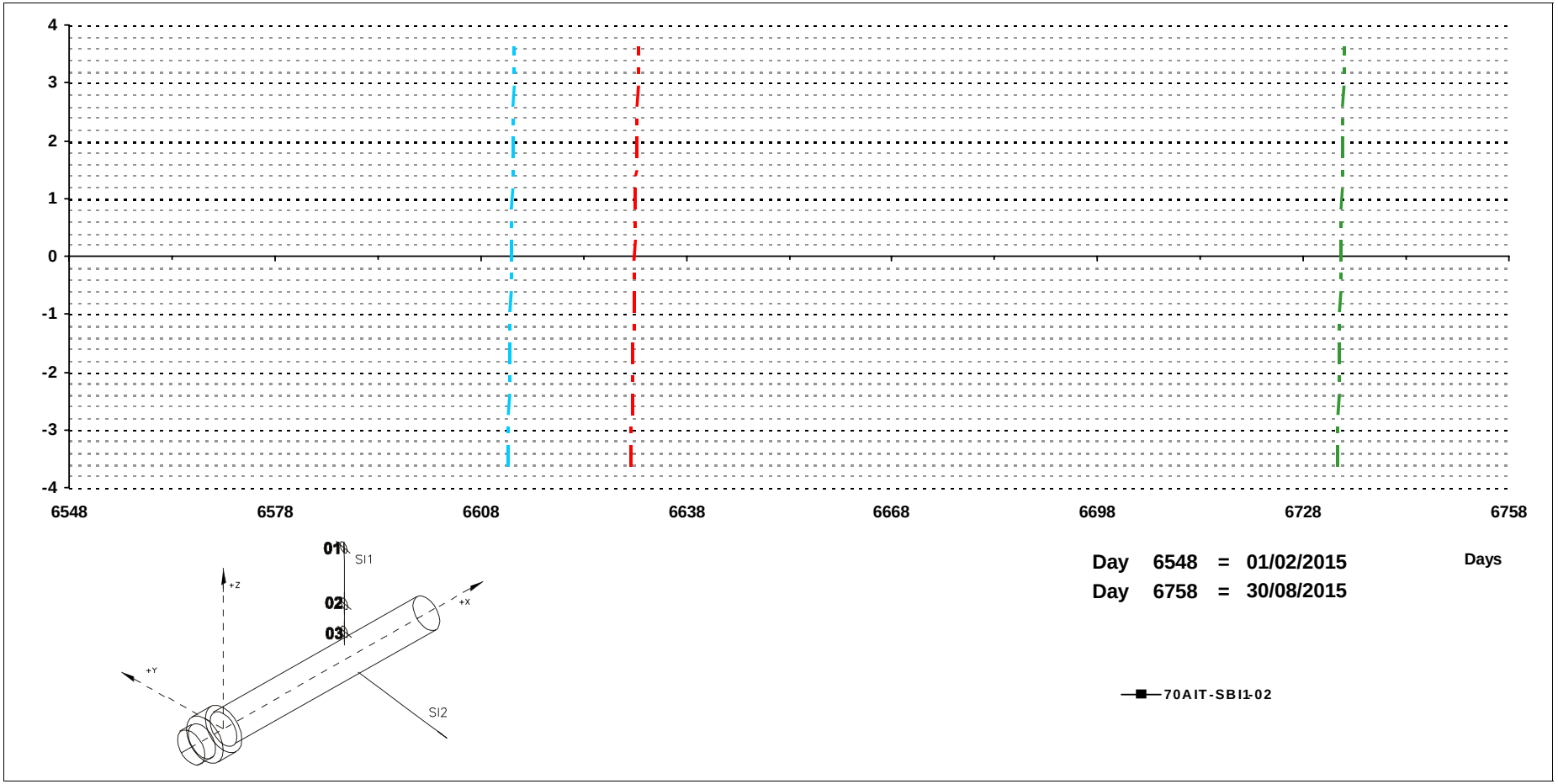


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-SBI1-01: Data from day 1234 (15/07/2000) to 1248 (29/07/2000) are not reliable. Data from day 1277 (27/08/2000) to 1961 (12/07/2002) are not reliable. Out of order from day 4341 (16/01/2009).
70AIT-SBI1-02: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable.
70AIT-SBI1-03: Data from day 1470 (08/03/2001) to 1904 (16/05/2002) are not reliable. Out of order from day 2651 (01/06/2004).

SECTION Borehole SI1

SENSOR TYPE: Rock extensometer. ***UNITS: mm***



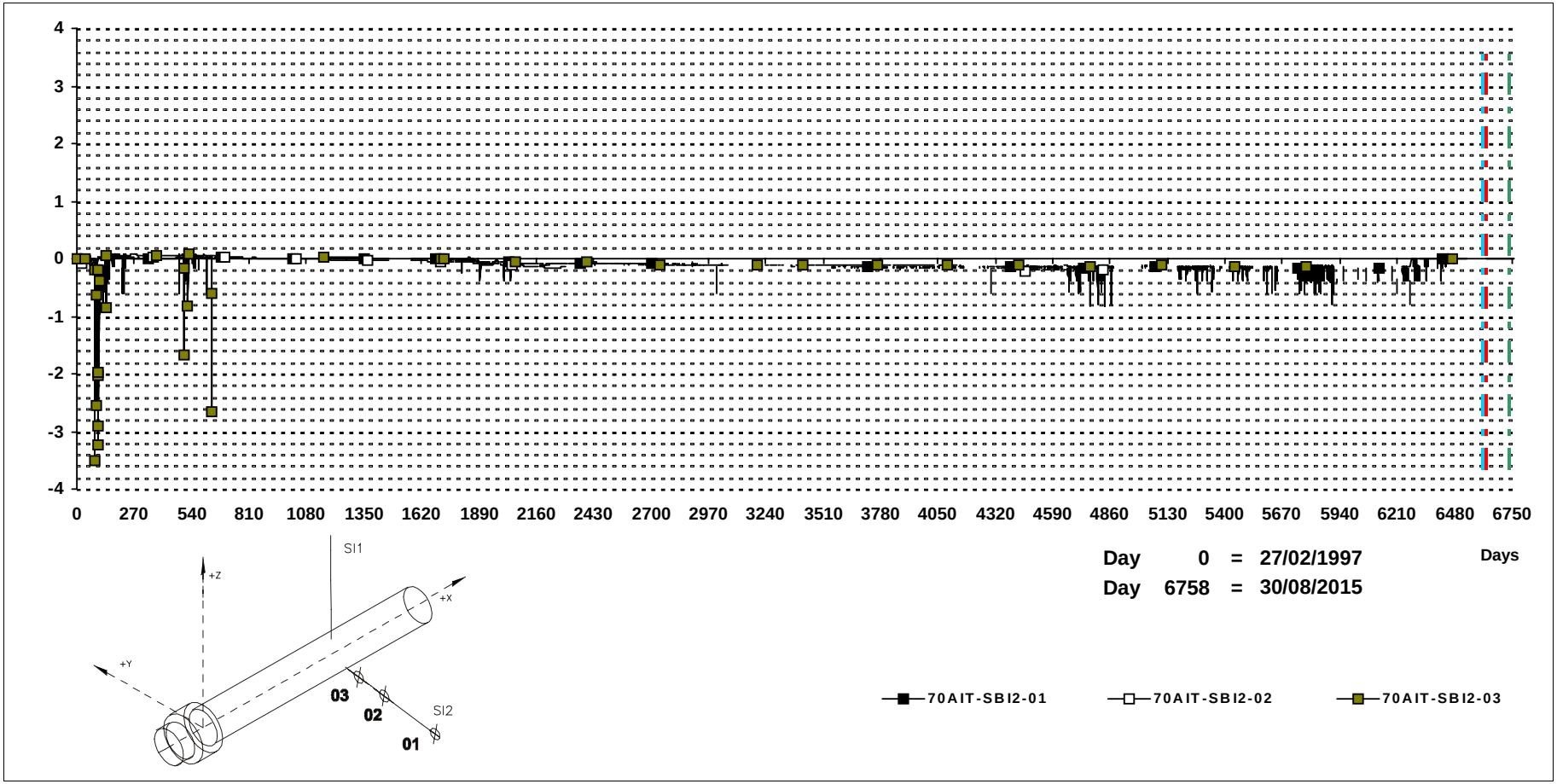
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-SBI1-01: Data from day 1234 (15/07/2000) to 1248 (29/07/2000) are not reliable. Data from day 1277 (27/08/2000) to 1961 (12/07/2002) are not reliable. Out of order from day 4341 (16/01/2009).
70AIT-SBI1-02: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable.
70AIT-SBI1-03: Data from day 1470 (08/03/2001) to 1904 (16/05/2002) are not reliable. Out of order from day 2651 (01/06/2004).

SECTION Borehole SI2

SENSOR TYPE: Rock extensometer.

UNITS: mm



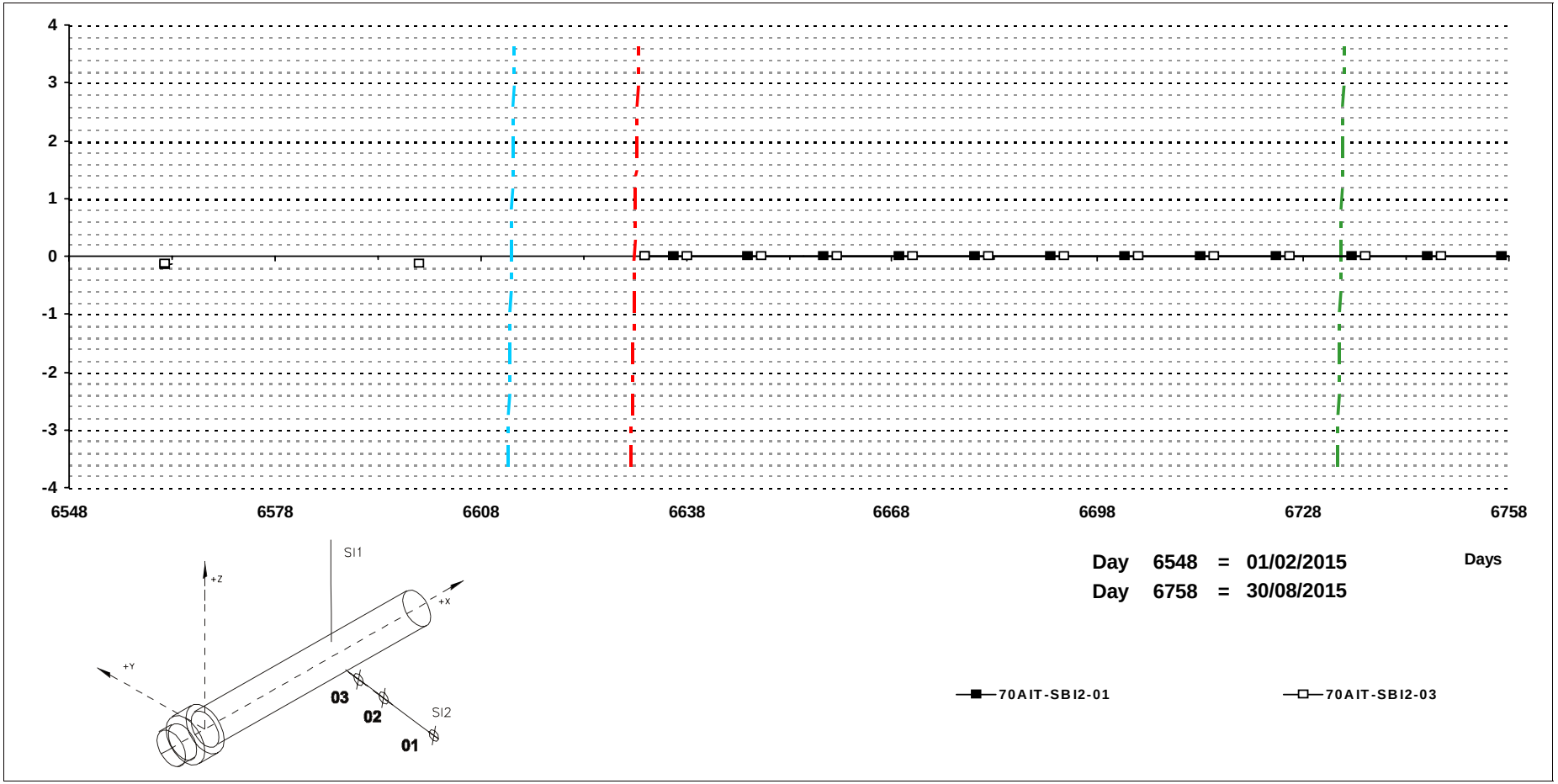
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-SBI2-01: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable.
70AIT-SBI2-02: No data before day 20 (19/03/1997) because wrong temperature correction. Data from day 2297 (13/06/2003) to 4458 (13/05/2009) are not reliable. Data from day 4706 (16/01/2010) to 4729 (08/02/2010) are not reliable. Data from day 4744 (23/02/2010) to 4826 (16/05/2010) are not reliable. Out of order from day 4840 (30/05/2010).
70AIT-SBI2-03: Data from day 665 (24/12/1998) to 1156 (28/04/2000) are not reliable. Data not reliable from day 1348 (06/11/2000) to 1706 (30/10/2001). Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable.

SECTION Borehole SI2

SENSOR TYPE: Rock extensometer.

UNITS: mm

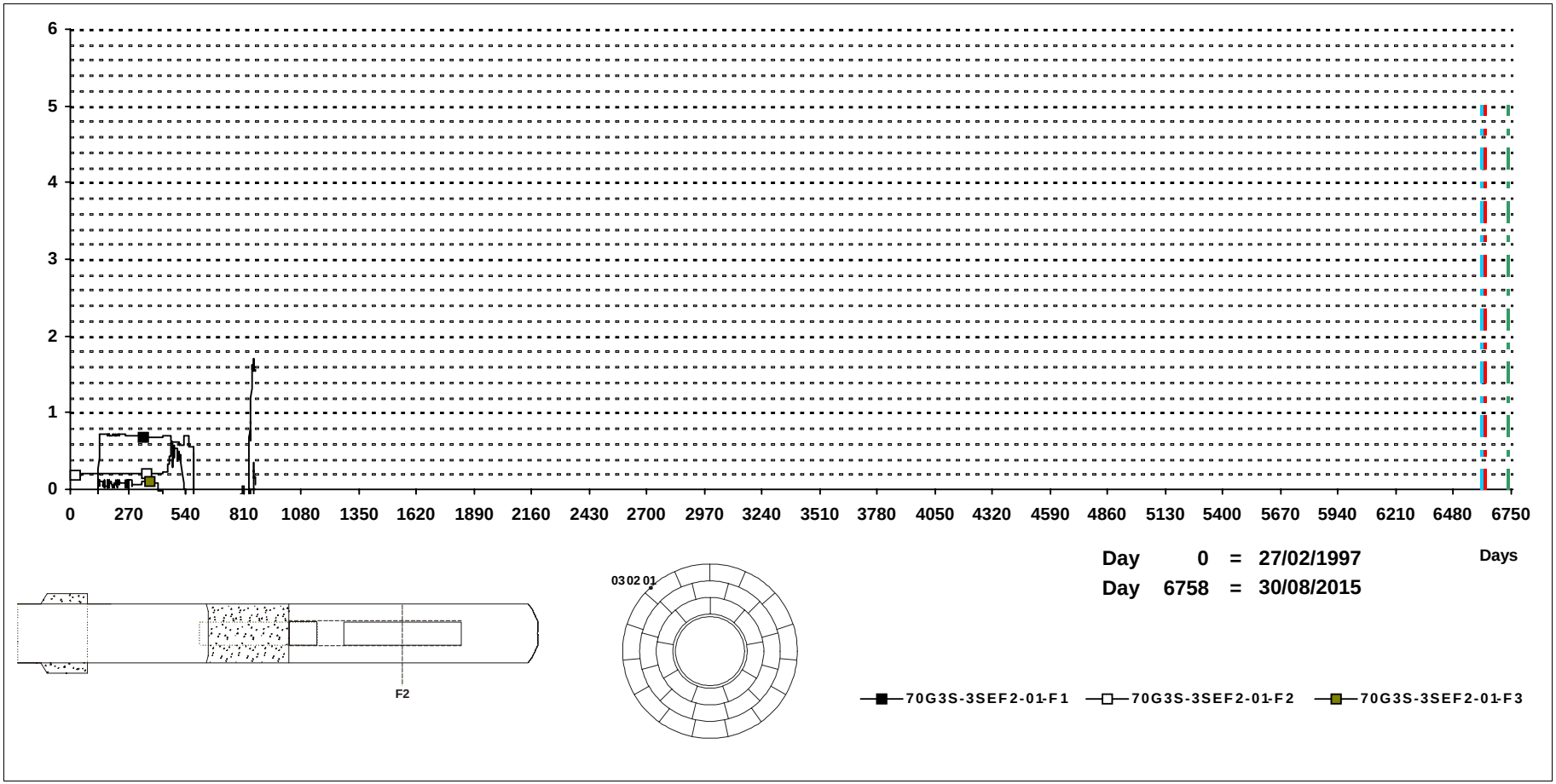


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
No data because of failure in Data Acquisition Unit after electrical storm from day 4847 (03/07/10) to day 4984 (21/10/10).
70AIT-SBI2-01: Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable.
70AIT-SBI2-02: No data before day 20 (19/03/1997) because wrong temperature correction. Data from day 2297 (13/06/2003) to 4458 (13/05/2009) are not reliable. Data from day 4706 (16/01/2010) to 4729 (08/02/2010) are not reliable. Data from day 4744 (23/02/2010) to 4826 (16/05/2010) are not reliable. Out of order from day 4840 (30/05/2010).
70AIT-SBI2-03: Data from day 665 (24/12/1998) to 1156 (28/04/2000) are not reliable. Data not reliable from day 1348 (06/11/2000) to 1706 (30/10/2001). Data from day 3064 (19/07/2005) to 3198 (30/11/2005) are not reliable.

SECTION F2

SENSOR TYPE: Crack displacement meter. ***UNITS: V***

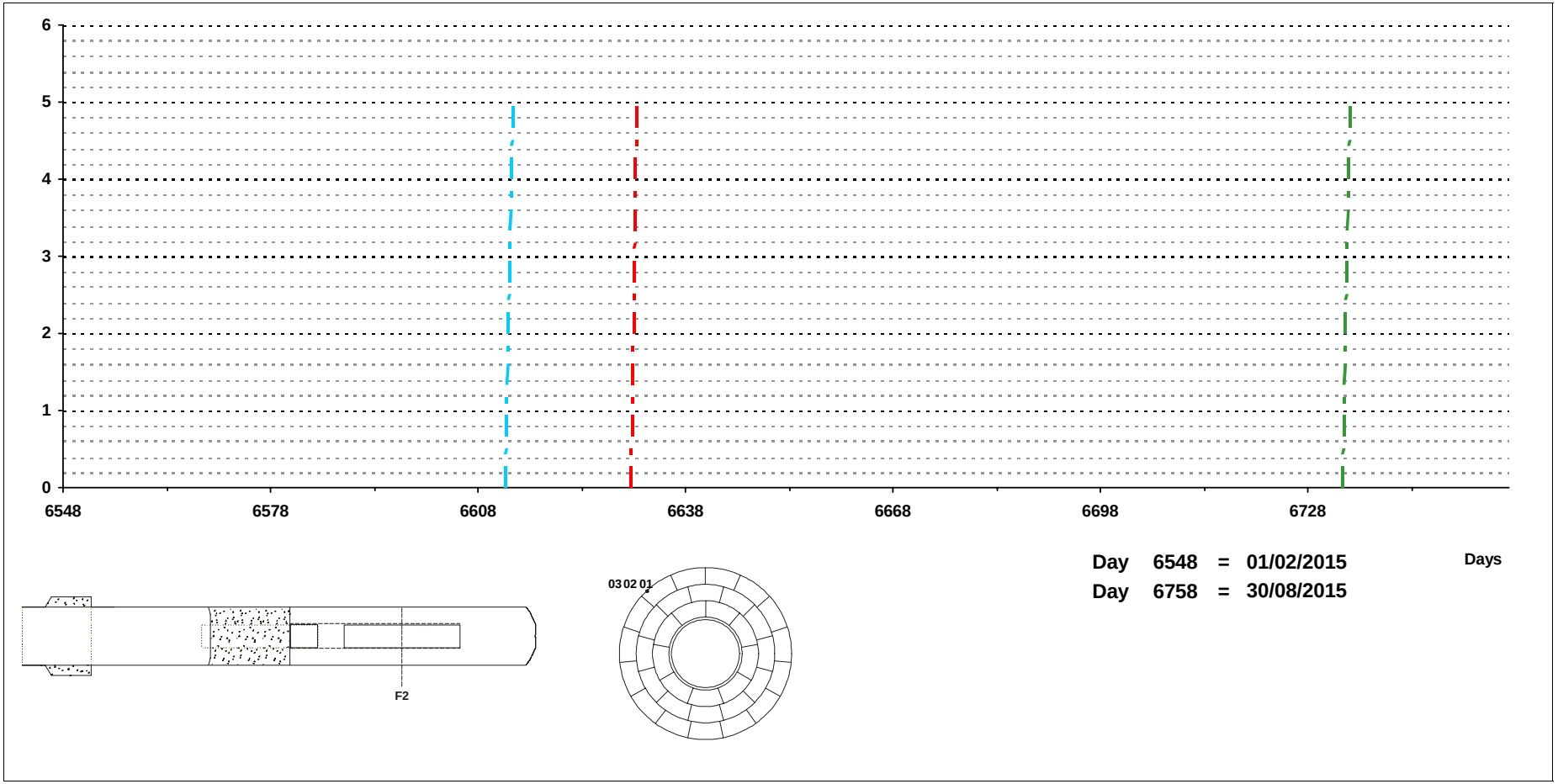


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Data from day 1078 (10/02/00) are not reliable.
70G3S-3SEF2-01-F1 & 70G3S-3SEF2-01-F2 & 70G3S-3SEF2-01-F3: Out of order from day 866 (13/07/1999).

SECTION F2

SENSOR TYPE: Crack displacement meter. ***UNITS: V***



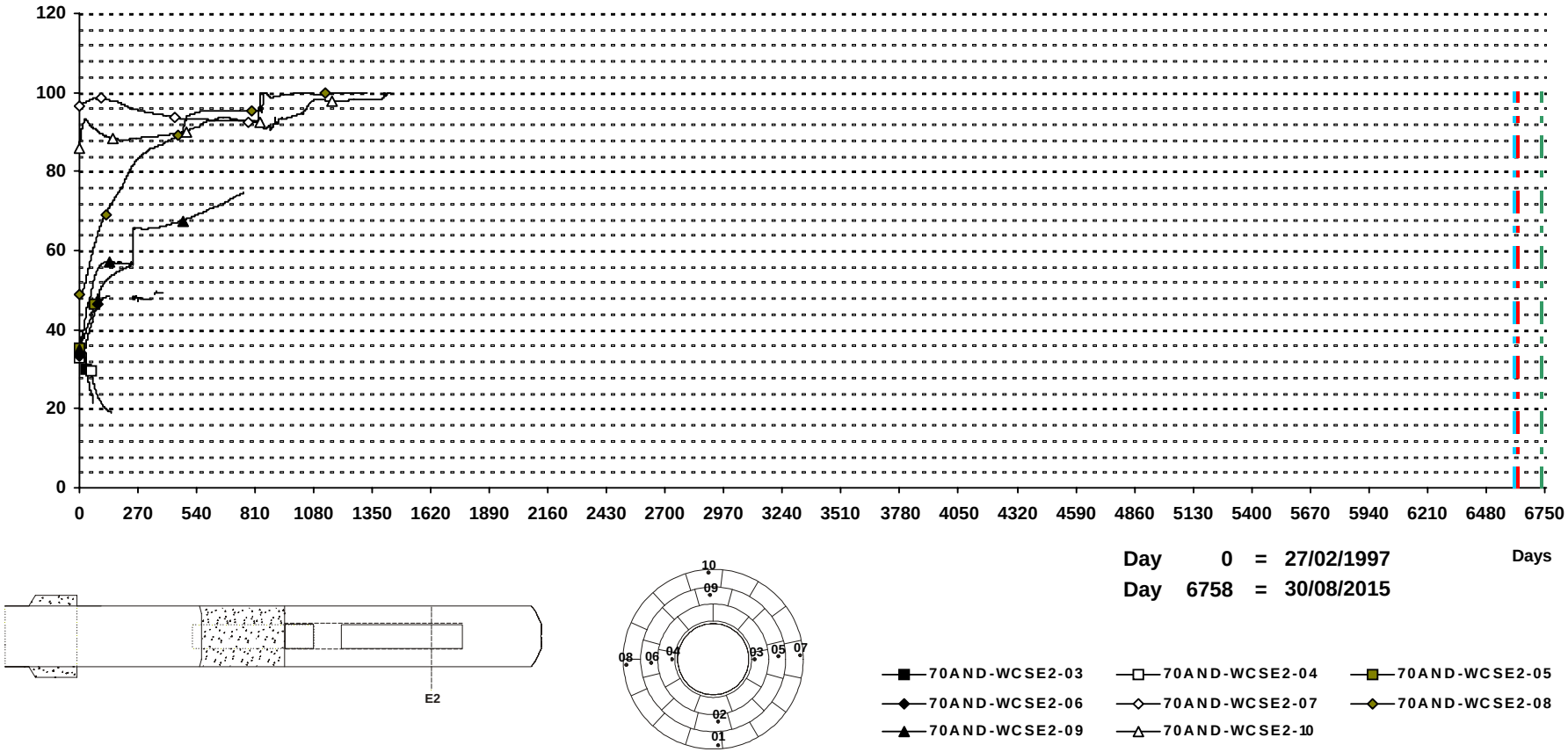
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Data from day 1078 (10/02/00) are not reliable.
70G3S-3SEF2-01-F1 & 70G3S-3SEF2-01-F2 & 70G3S-3SEF2-01-F3: Out of order from day 866 (13/07/1999).

SECTION E2

SENSOR TYPE: Relative humidity (capacitive).

UNITS: % RH

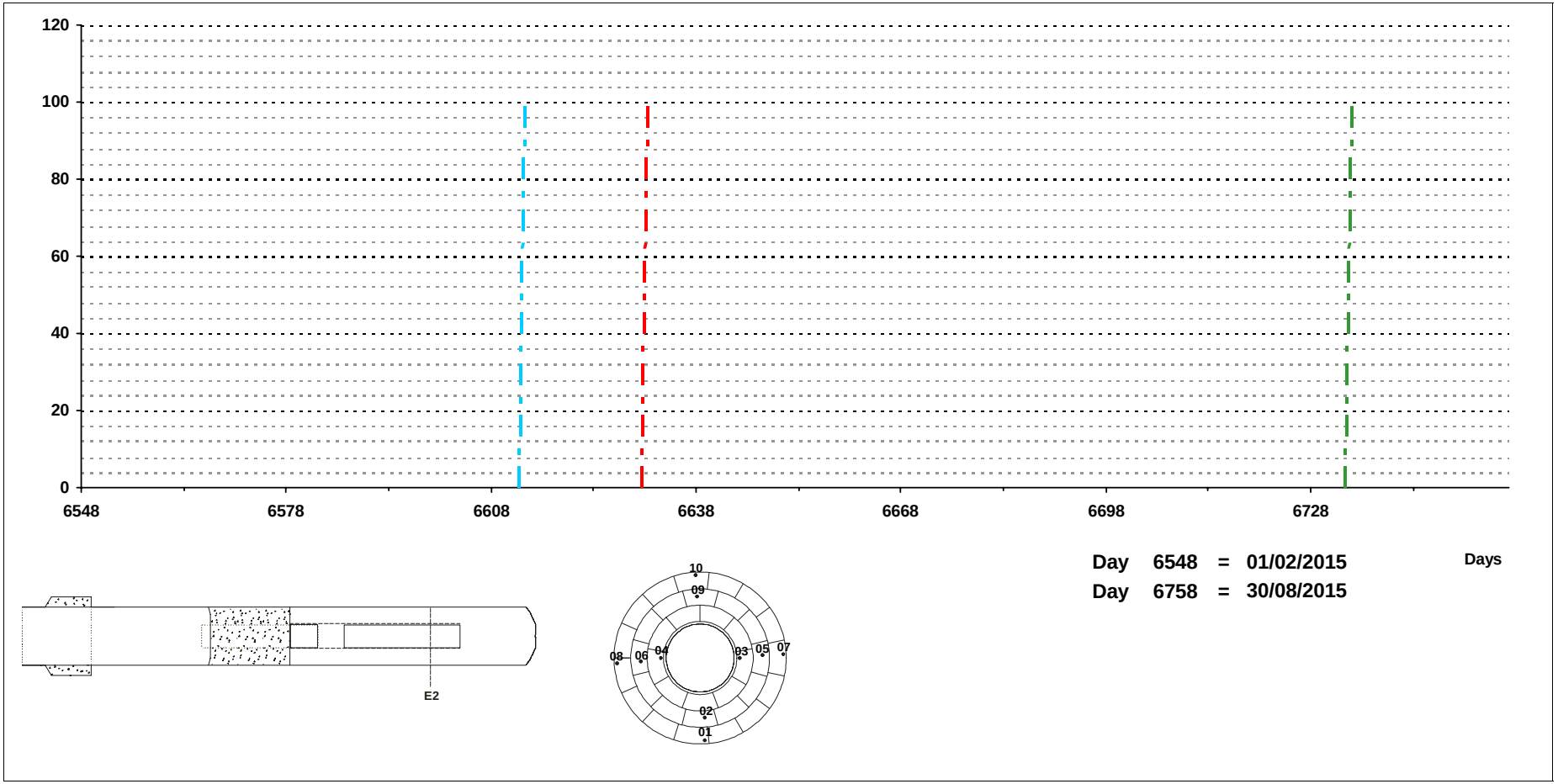


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AND-WCSE2-1 & 70AND-WCSE2-2: Out of order from day -42 (16/01/97); 70AND-WCSE2-3: Out of order from day 66 (04/05/97); 70AND-WCSE2-4: Out of order from day 148 (25/07/97).
70AND-WCSE2-5: Out of order from day 246 (31/10/97); 70AND-WCSE2-6: Out of order from day 382 (16/03/98); 70AND-WCSE2-7: Out of order from day 867 (14/07/99).
70AND-WCSE2-8: Out of order from day 1325 (14/10/00); 70AND-WCSE2-9: Out of order from day 753 (22/03/99); 70AND-WCSE2-10: Out of order from day 1431 (28/01/01).

SECTION E2

SENSOR TYPE: Relative humidity (capacitive). ***UNITS: % RH***



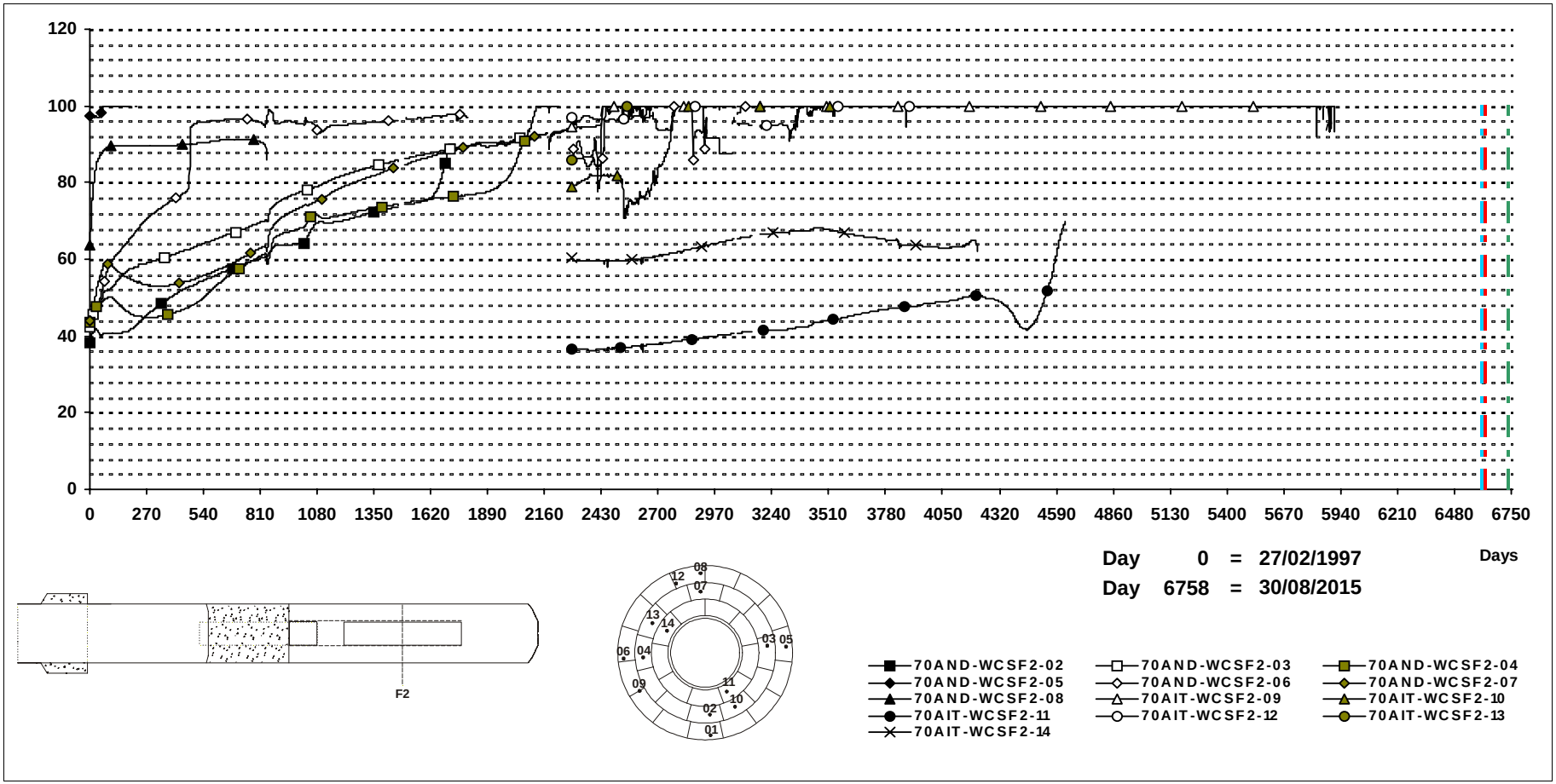
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AND-WCSE2-1 & 70AND-WCSE2-2: Out of order from day -42 (16/01/97); 70AND-WCSE2-3: Out of order from day 66 (04/05/97); 70AND-WCSE2-4: Out of order from day 148 (25/07/97).
70AND-WCSE2-5: Out of order from day 246 (31/10/97); 70AND-WCSE2-6: Out of order from day 382 (16/03/98); 70AND-WCSE2-7: Out of order from day 867 (14/07/99).
70AND-WCSE2-8: Out of order from day 1325 (14/10/00); 70AND-WCSE2-9: Out of order from day 753 (22/03/99); 70AND-WCSE2-10: Out of order from day 1431 (28/01/01).

SECTION F2

SENSOR TYPE: Relative humidity (capacitive).

UNITS: % RH

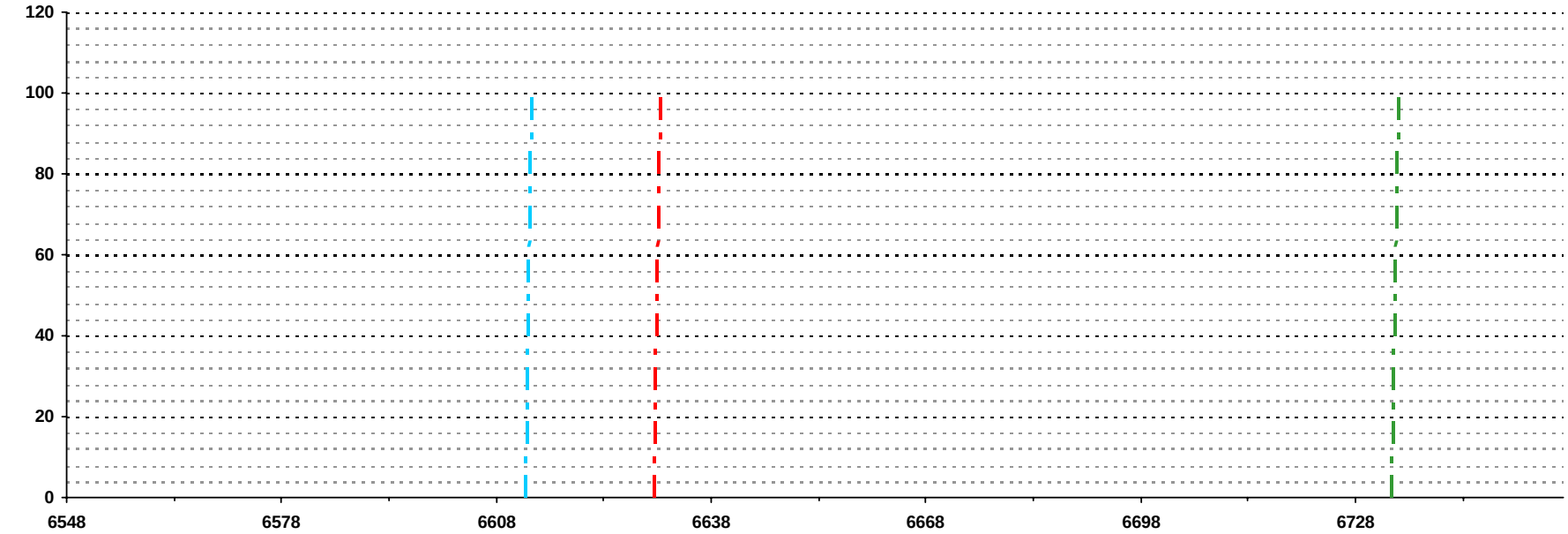


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-WCSF2-09, 70AIT-WCSF2-10,70AIT-WCSF2-11, 70AIT-WCSF2-12, 70AIT-WCSF2-13 and 70AIT-WCSF2-14: signal connected on day 2288 (04/06/03).
70AND-WCSF2-1: Out of order from day -42 (16/01/97); 70AND-WCSF2-2: Out of order from day 1733 (26/11/01); 70AND-WCSF2-3: Out of order from day 2307 (26/06/03).
70AND-WCSF2-4: Out of order from day 2228 (05/04/03); 70AND-WCSF2-5: Out of order from day 230 (15/10/97); 70AND-WCSF2-6: Out of order from day 3183 (15/11/05).
70AND-WCSF2-7: Out of order from day 2310 (26/06/03); 70AND-WCSF2-8: Out of order from day 842 (19/06/99); 70AIT-WCSF2-10: Out of order from day 3588 (25/12/06);
70AIT-WCSF2-11: Out of order from day 4632 (03/11/2009); 70AIT-WCSF2-13: Out of order from day 2924 (01/03/05); 70AIT-WCSF2-14: Out of order from day 4218 (15/09/2008).
70AIT-WCSF2-09: Data from day 5913 (07/05/2013) are not reliable.

SECTION F2

SENSOR TYPE: Relative humidity (capacitive). ***UNITS: % RH***



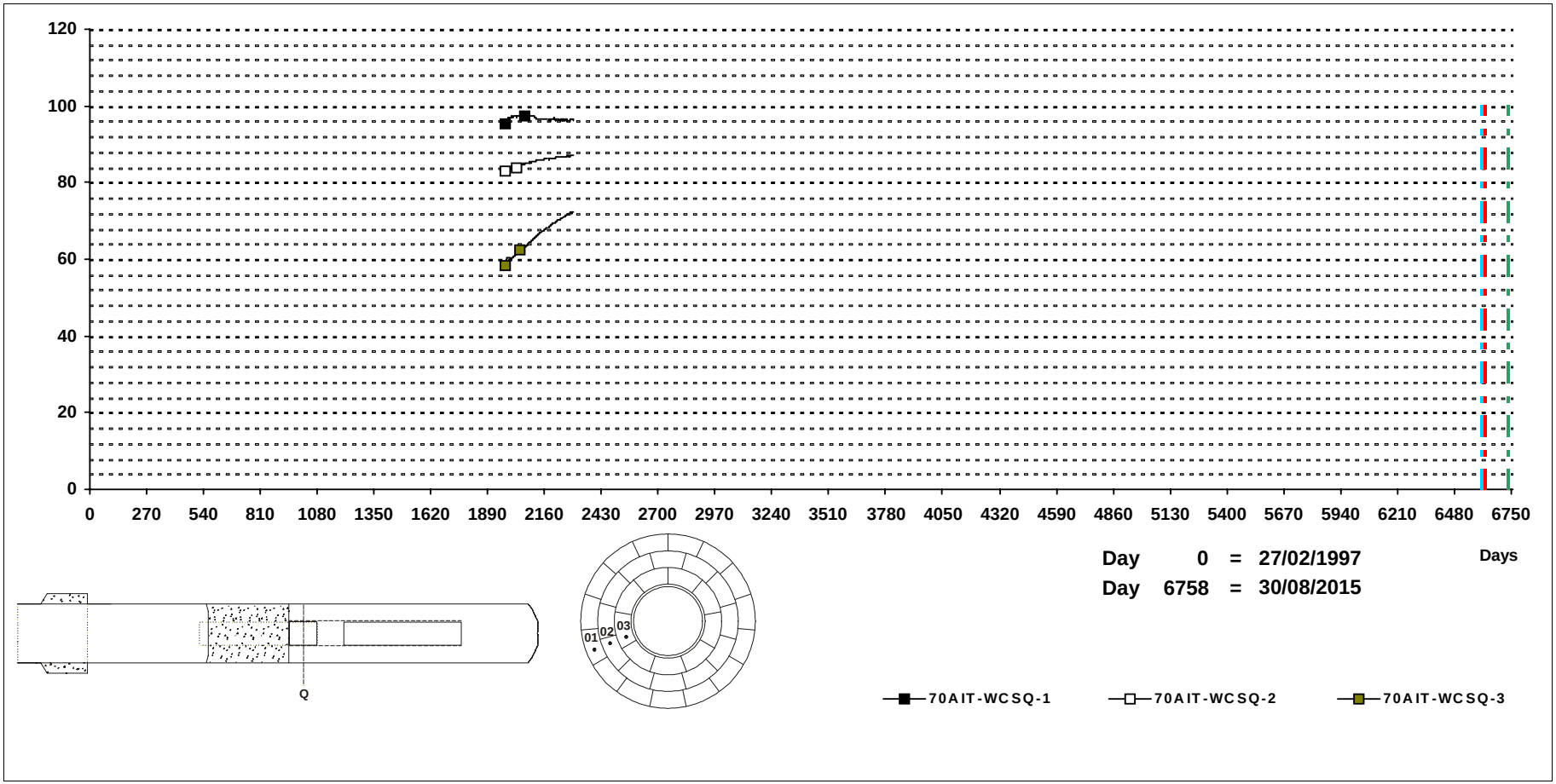
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
70AIT-WCSF2-09, 70AIT-WCSF2-10,70AIT-WCSF2-11, 70AIT-WCSF2-12, 70AIT-WCSF2-13 and 70AIT-WCSF2-14: signal connected on day 2288 (04/06/03).
70AND-WCSF2-1: Out of order from day -42 (16/01/97); 70AND-WCSF2-2: Out of order from day 1733 (26/11/01); 70AND-WCSF2-3: Out of order from day 2307 (26/06/03).
70AND-WCSF2-4: Out of order from day 2228 (05/04/03); 70AND-WCSF2-5: Out of order from day 230 (15/10/97); 70AND-WCSF2-6: Out of order from day 3183 (15/11/05).
70AND-WCSF2-7: Out of order from day 2310 (26/06/03); 70AND-WCSF2-8: Out of order from day 842 (19/06/99); 70AIT-WCSF2-10: Out of order from day 3588 (25/12/06);
70AIT-WCSF2-11: Out of order from day 4632 (03/11/2009); 70AIT-WCSF2-13: Out of order from day 2924 (01/03/05); 70AIT-WCSF2-14: Out of order from day 4218 (15/09/2008).
70AIT-WCSF2-09: Data from day 5913 (07/05/2013) are not reliable.

SECTION Q

SENSOR TYPE: Relative humidity (capacitive).

UNITS: % RH



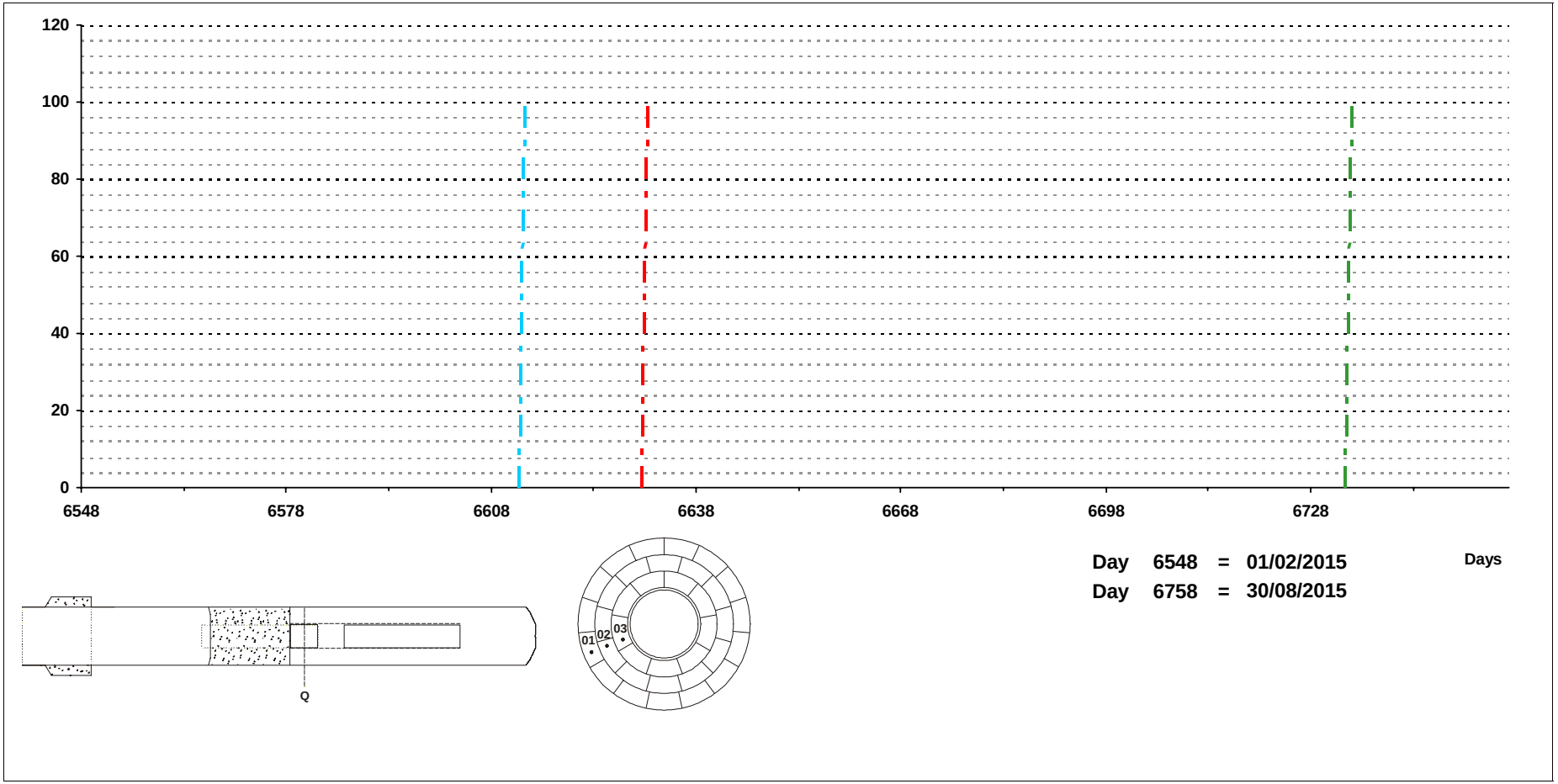
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 1972 (23/07/02).
No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03).
70AIT-WCSQ-2 & 70AIT-WCSQ-3 & 70AIT-WCSQ-1: Out of order from day 2296 (12/06/2003).

SECTION Q

SENSOR TYPE: Relative humidity (capacitive).

UNITS: % RH



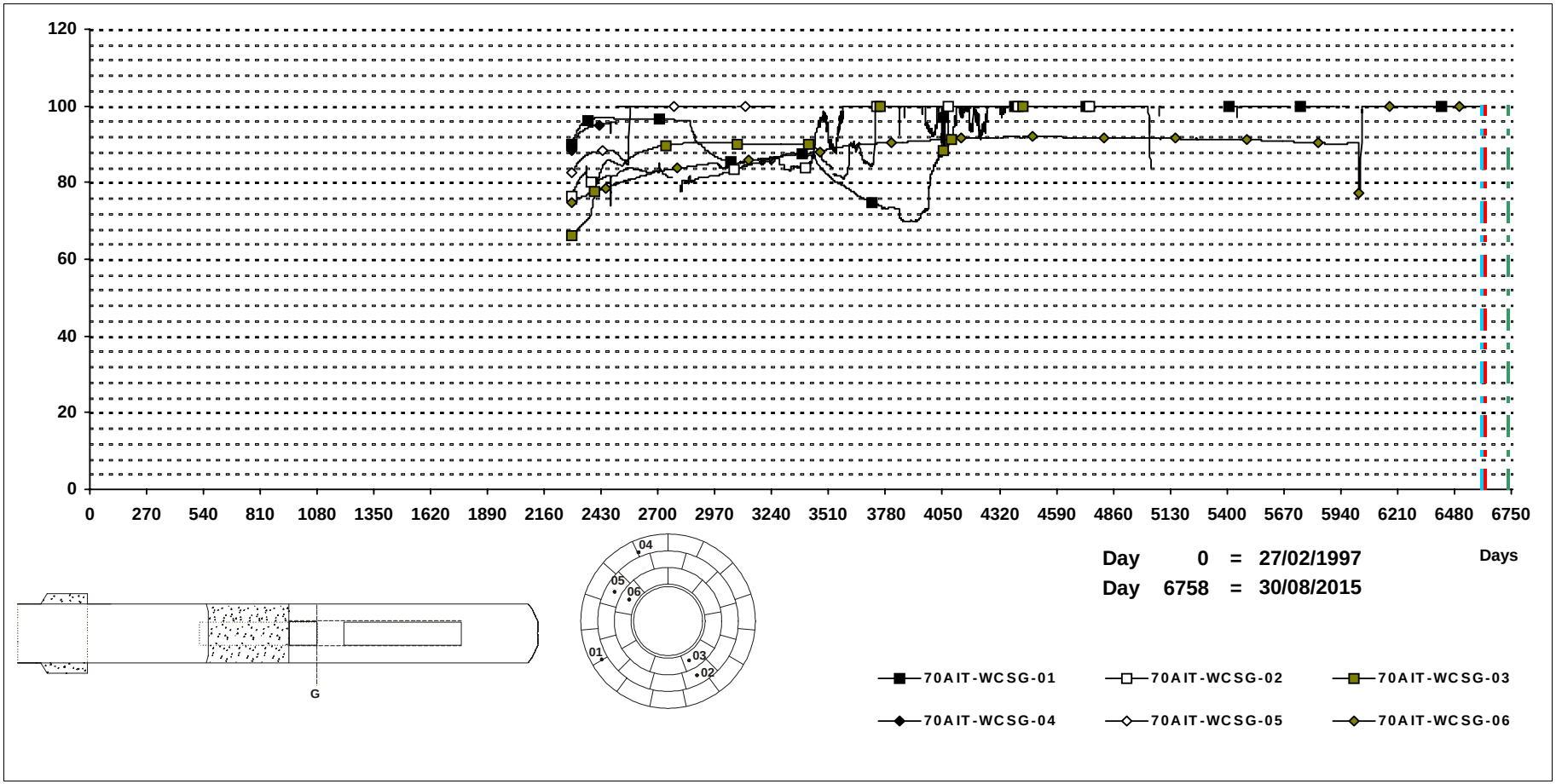
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 1972 (23/07/02).
No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03).
70AIT-WCSQ-2 & 70AIT-WCSQ-3 & 70AIT-WCSQ-1: Out of order from day 2296 (12/06/2003).

SECTION G

SENSOR TYPE: Relative humidity (capacitive).

UNITS: % RH

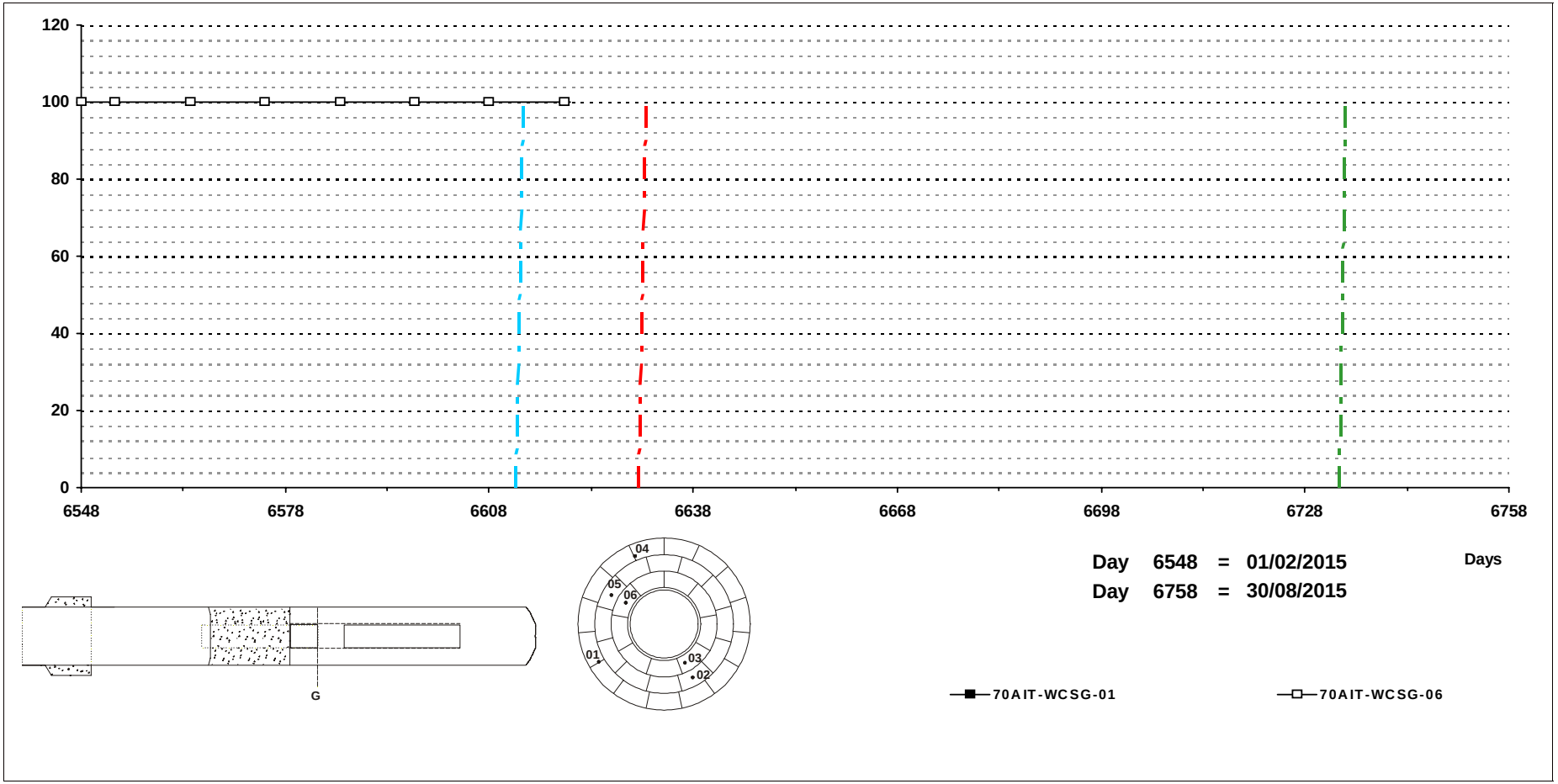


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 2288 (04/06/03).
70AIT-WCSG-01: Data from day 3144 (07/10/2005) to 3183 (15/11/2005) are not reliable.
70AIT-WCSG-02: Data from day 2768 (26/09/2004) to 2802 (30/10/2004) are not reliable. Data from day 4780 (31/03/2010) are not reliable.
70AIT-WCSG-03: Out of order from day 4548 (11/08/2009).
70AIT-WCSG-04: Data from day 2735 (24/08/2004) to 2923 (28/02/2005) are not reliable. Out of order from day 2924 (01/03/2005).
70AIT-WCSG-05: Out of order from day 3256 (27/01/2006).

SECTION G

SENSOR TYPE: Relative humidity (capacitive). ***UNITS: % RH***



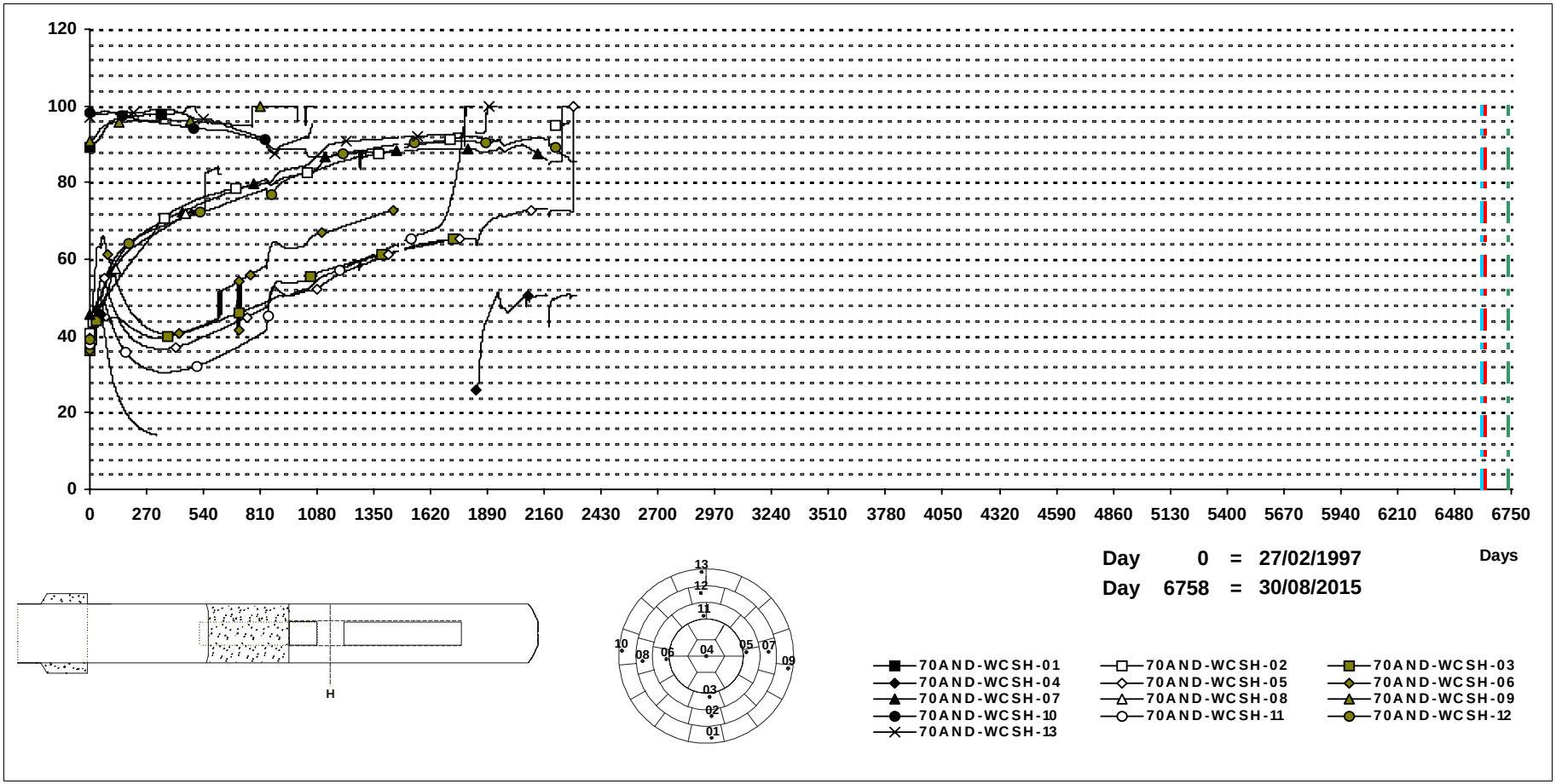
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 2288 (04/06/03).
70AIT-WCSG-01: Data from day 3144 (07/10/2005) to 3183 (15/11/2005) are not reliable.
70AIT-WCSG-02: Data from day 2768 (26/09/2004) to 2802 (30/10/2004) are not reliable. Data from day 4780 (31/03/2010) are not reliable.
70AIT-WCSG-03: Out of order from day 4548 (11/08/2009).
70AIT-WCSG-04: Data from day 2735 (24/08/2004) to 2923 (28/02/2005) are not reliable. Out of order from day 2924 (01/03/2005).
70AIT-WCSG-05: Out of order from day 3256 (27/01/2006).

SECTION H

SENSOR TYPE: Relative humidity (capacitive).

UNITS: % RH

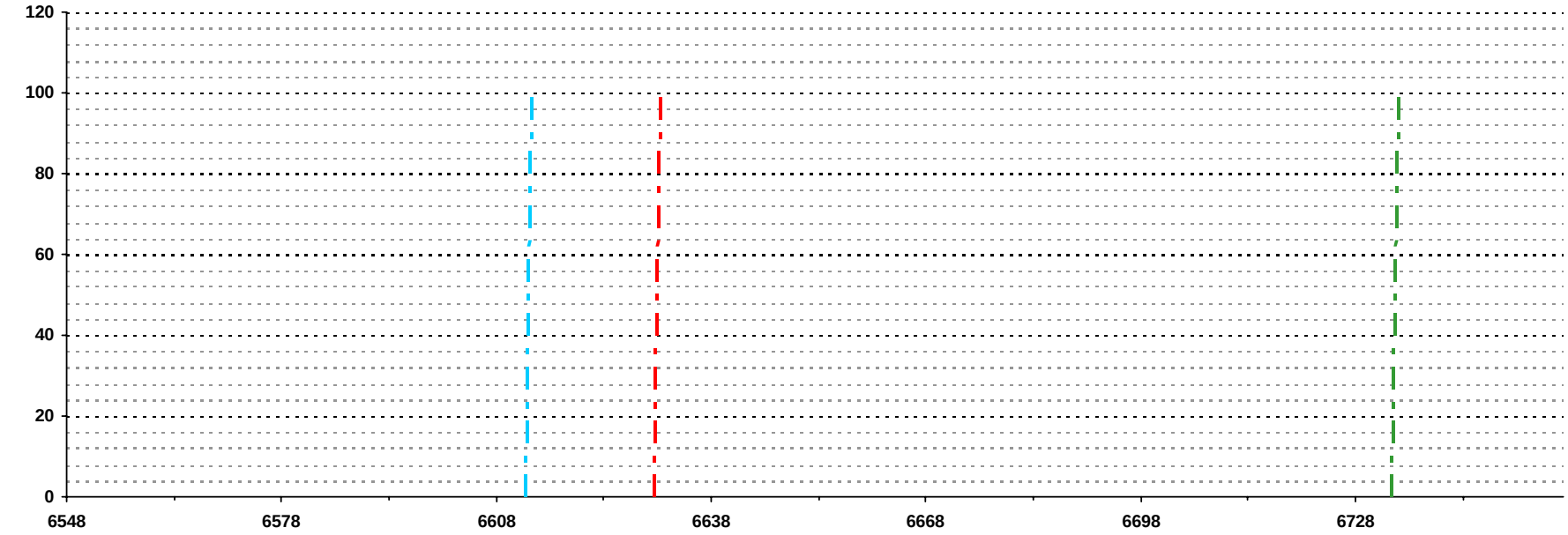


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03).
70AND-WCSH-01: Out of order from day 506 (18/07/98); 70AND-WCSH-02: Out of order from day 2275 (22/05/03); 70AND-WCSH-03: Out of order from day 1769 (01/01/02).
70AND-WCSH-04: Data from day 315 (08/01/98) to day 1830 (03/03/02) are not reliable. Out of order from day 2310 (26/06/03); 70AND-WCSH-05: Out of order from day 2309 (25/06/03).
70AND-WCSH-06: Out of order from day 1498 (05/04/01); 70AND-WCSH-07: Out of order from day 2296 (12/06/03); 70AND-WCSH-08: Out of order from day 623 (12/11/98).
70AND-WCSH-09: Out of order from day 1062 (25/01/00); 70AND-WCSH-10: Out of order from day 1059 (22/01/00); 70AND-WCSH-11: Out of order from day 1827 (28/02/02).
70AND-WCSH-12: Out of order from day 2309 (25/06/03); 70AND-WCSH-13: Out of order from day 1935 (16/06/02).

SECTION H

SENSOR TYPE: Relative humidity (capacitive). ***UNITS: % RH***

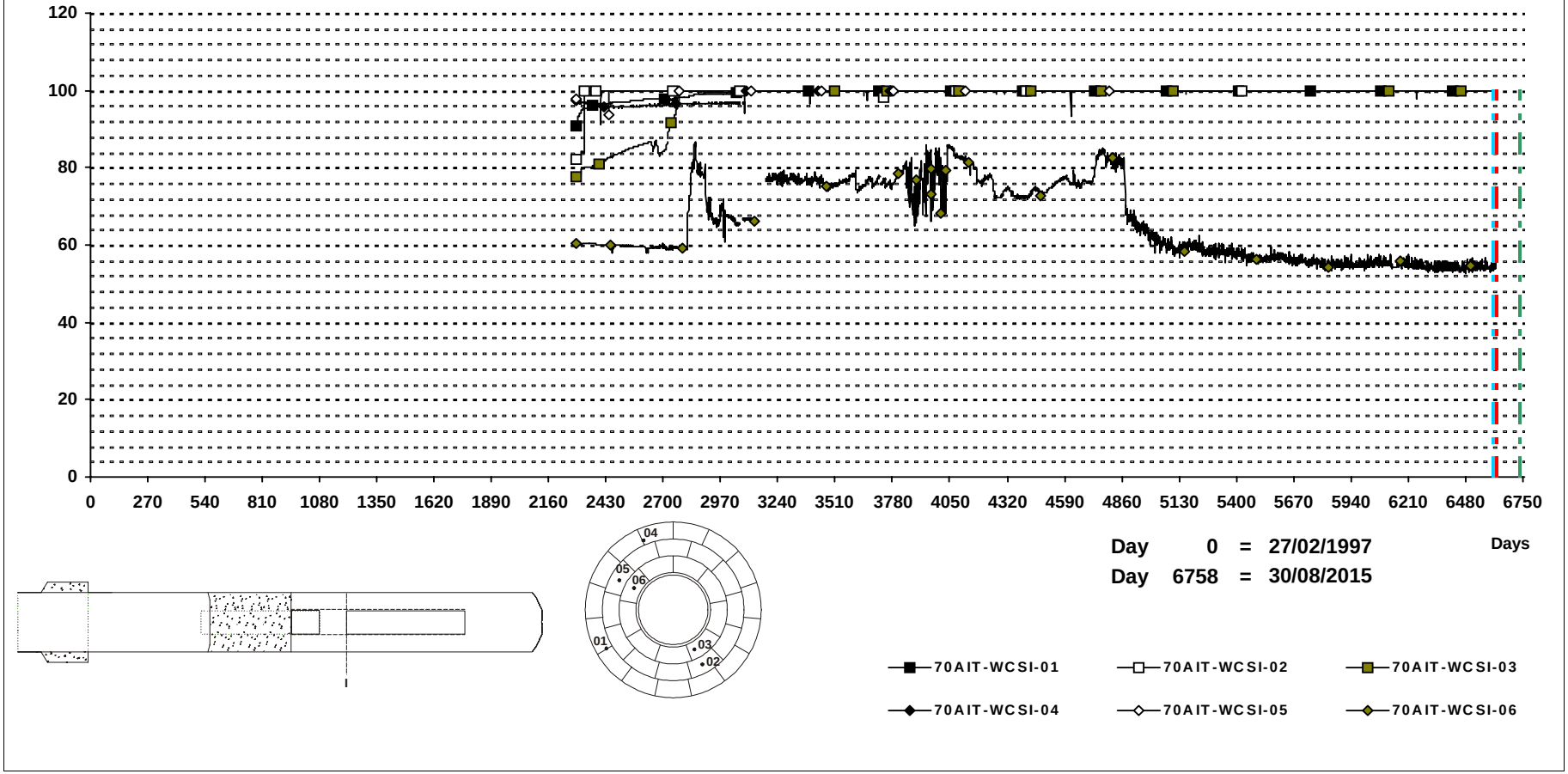


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03).
70AND-WCSH-01: Out of order from day 506 (18/07/98); 70AND-WCSH-02: Out of order from day 2275 (22/05/03); 70AND-WCSH-03: Out of order from day 1769 (01/01/02).
70AND-WCSH-04: Data from day 315 (08/01/98) to day 1830 (03/03/02) are not reliable. Out of order from day 2310 (26/06/03); 70AND-WCSH-05: Out of order from day 2309 (25/06/03).
70AND-WCSH-06: Out of order from day 1498 (05/04/01); 70AND-WCSH-07: Out of order from day 2296 (12/06/03); 70AND-WCSH-08: Out of order from day 623 (12/11/98).
70AND-WCSH-09: Out of order from day 1062 (25/01/00); 70AND-WCSH-10: Out of order from day 1059 (22/01/00); 70AND-WCSH-11: Out of order from day 1827 (28/02/02).
70AND-WCSH-12: Out of order from day 2309 (25/06/03); 70AND-WCSH-13: Out of order from day 1935 (16/06/02).

SECTION I

SENSOR TYPE: Relative humidity (capacitive). ***UNITS: % RH***

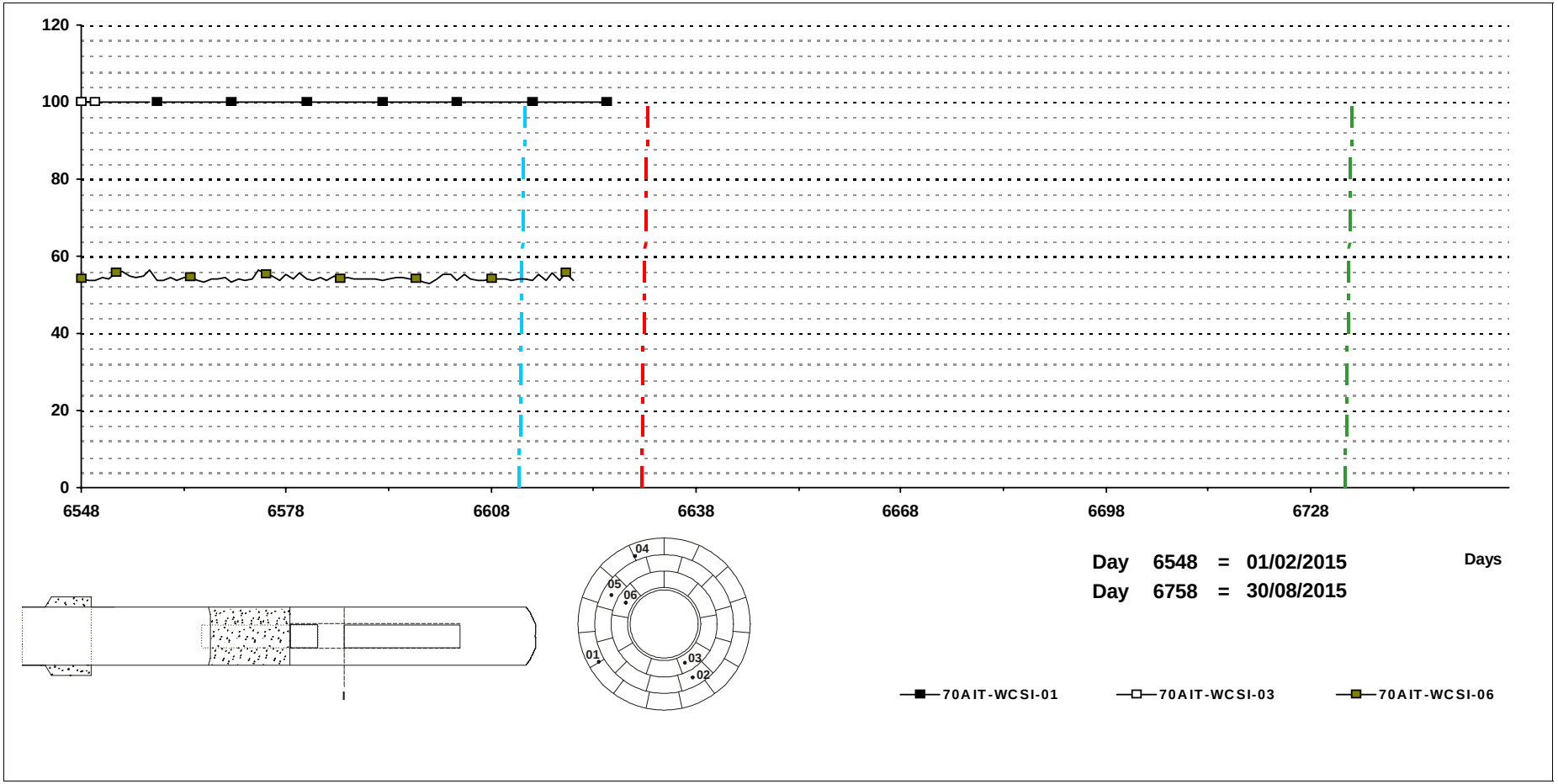


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 2288 (04/06/03).
70AIT-WCSI-02: Data from day 2710 (30/07/2004) to 2741 (30/08/2004) are not reliable. Intermittent readings from day 3090 (14/08/2005) to 3172 (04/11/2005). Data from day 3238 (09/01/2006) to 3251 (22/01/2006) are not reliable. Data from day 5682 (18/09/2012) are not reliable.
70AIT-WCSI-03: Data from day 2984 (30/04/2005) to 3509 (07/10/2006) are not reliable.
70AIT-WCSI-04: Data from day 4061 (11/04/2008) are not reliable.
70AIT-WCSI-05: Data from day 2417 (11/10/2003) to 2440 (03/11/2003) are not reliable. Data from day 2605 (16/04/2004) to 2666 (16/06/2004) are not reliable.
70AIT-WCSI-06: Data from day 3144 (07/10/2005) to 3183 (15/11/2005) are not reliable.

SECTION I

SENSOR TYPE: Relative humidity (capacitive). ***UNITS: % RH***

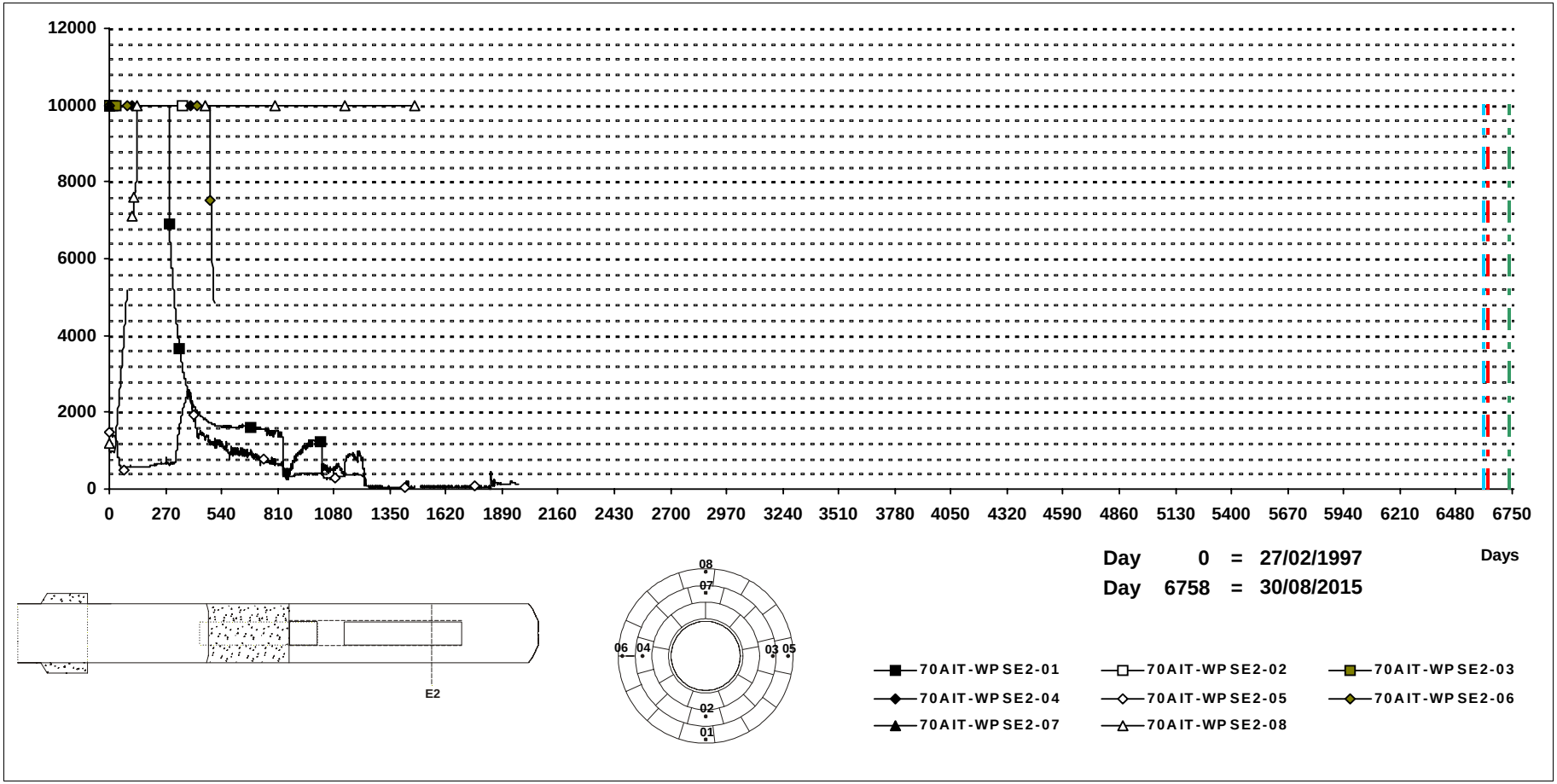


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

Signal connected on day 2288 (04/06/03).
70AIT-WCSI-02: Data from day 2710 (30/07/2004) to 2741 (30/08/2004) are not reliable. Intermittent readings from day 3090 (14/08/2005) to 3172 (04/11/2005). Data from day 3238 (09/01/2006) to 3251 (22/01/2006) are not reliable. Data from day 5682 (18/09/2012) are not reliable.
70AIT-WCSI-03: Data from day 2984 (30/04/2005) to 3509 (07/10/2006) are not reliable.
70AIT-WCSI-04: Data from day 4061 (11/04/2008) are not reliable.
70AIT-WCSI-05: Data from day 2417 (11/10/2003) to 2440 (03/11/2003) are not reliable. Data from day 2605 (16/04/2004) to 2666 (16/06/2004) are not reliable.
70AIT-WCSI-06: Data from day 3144 (07/10/2005) to 3183 (15/11/2005) are not reliable.

SECTION E2

SENSOR TYPE: Suction from relative humidity (psychrometer). ***UNITS: kPa***

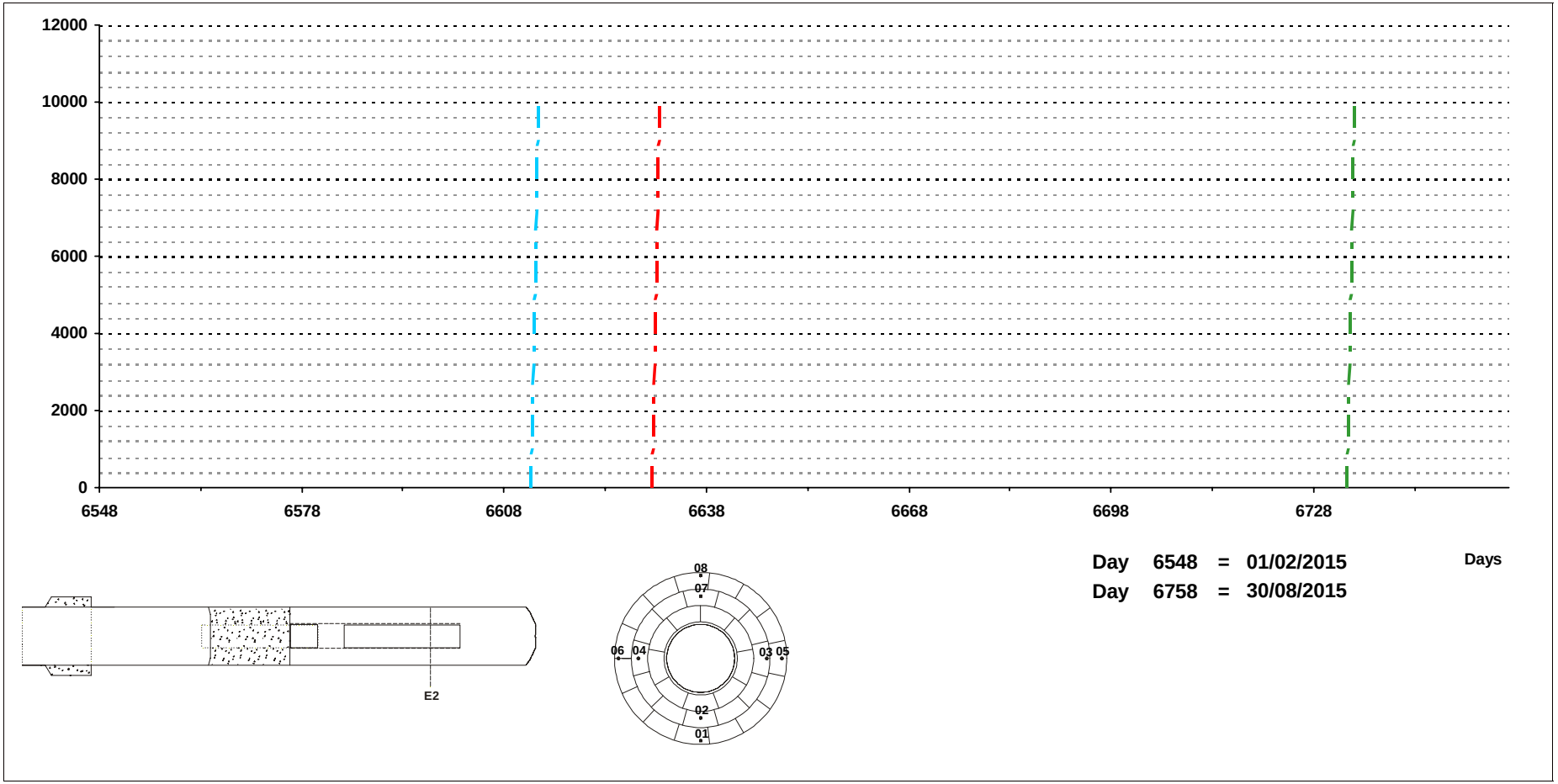


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03).
70AIT-WPSE2-01: Out of order from day 1311 (30/09/00); 70AIT-WPSE2-02: Out of order from day 398 (01/04/98); 70AIT-WPSE2-03: Out of order from day 65 (03/05/97).
70AIT-WPSE2-04: Out of order from day 673 (01/01/99); 70AIT-WPSE2-05: Out of order from day 1969 (20/07/02); 70AIT-WPSE2-06: Out of order from day 505 (17/07/98).
70AIT-WPSE2-07: Out of order from day 80 (18/05/97); 70AIT-WPSE2-08: Out of order from day 1497 (04/04/01).

SECTION E2

SENSOR TYPE: Suction from relative humidity (psychrometer). ***UNITS: kPa***

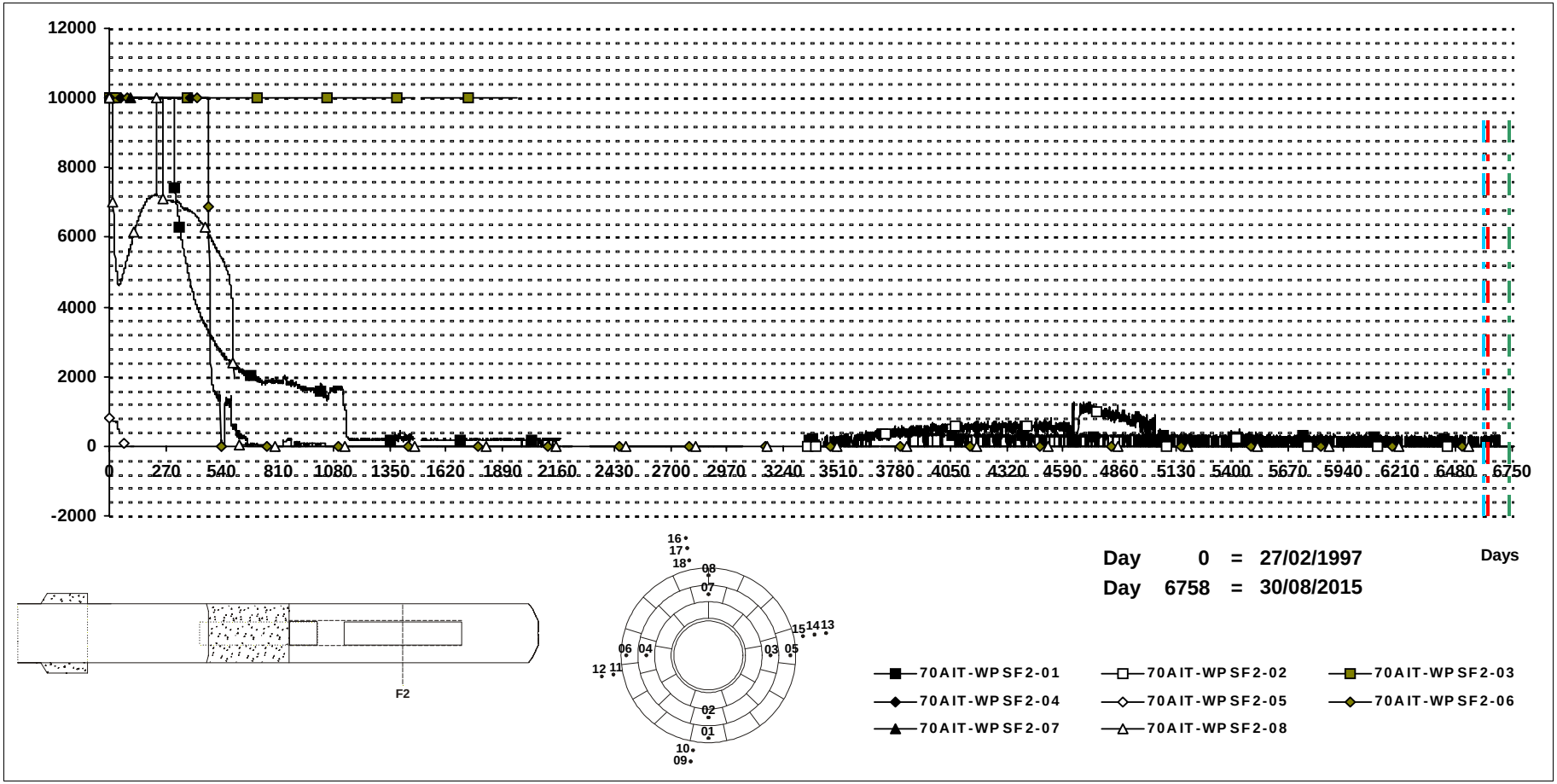


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03).
70AIT-WPSE2-01: Out of order from day 1311 (30/09/00); 70AIT-WPSE2-02: Out of order from day 398 (01/04/98); 70AIT-WPSE2-03: Out of order from day 65 (03/05/97).
70AIT-WPSE2-04: Out of order from day 673 (01/01/99); 70AIT-WPSE2-05: Out of order from day 1969 (20/07/02); 70AIT-WPSE2-06: Out of order from day 505 (17/07/98).
70AIT-WPSE2-07: Out of order from day 80 (18/05/97); 70AIT-WPSE2-08: Out of order from day 1497 (04/04/01).

SECTION F2

SENSOR TYPE: Suction from relative humidity (psychrometer). ***UNITS: kPa***

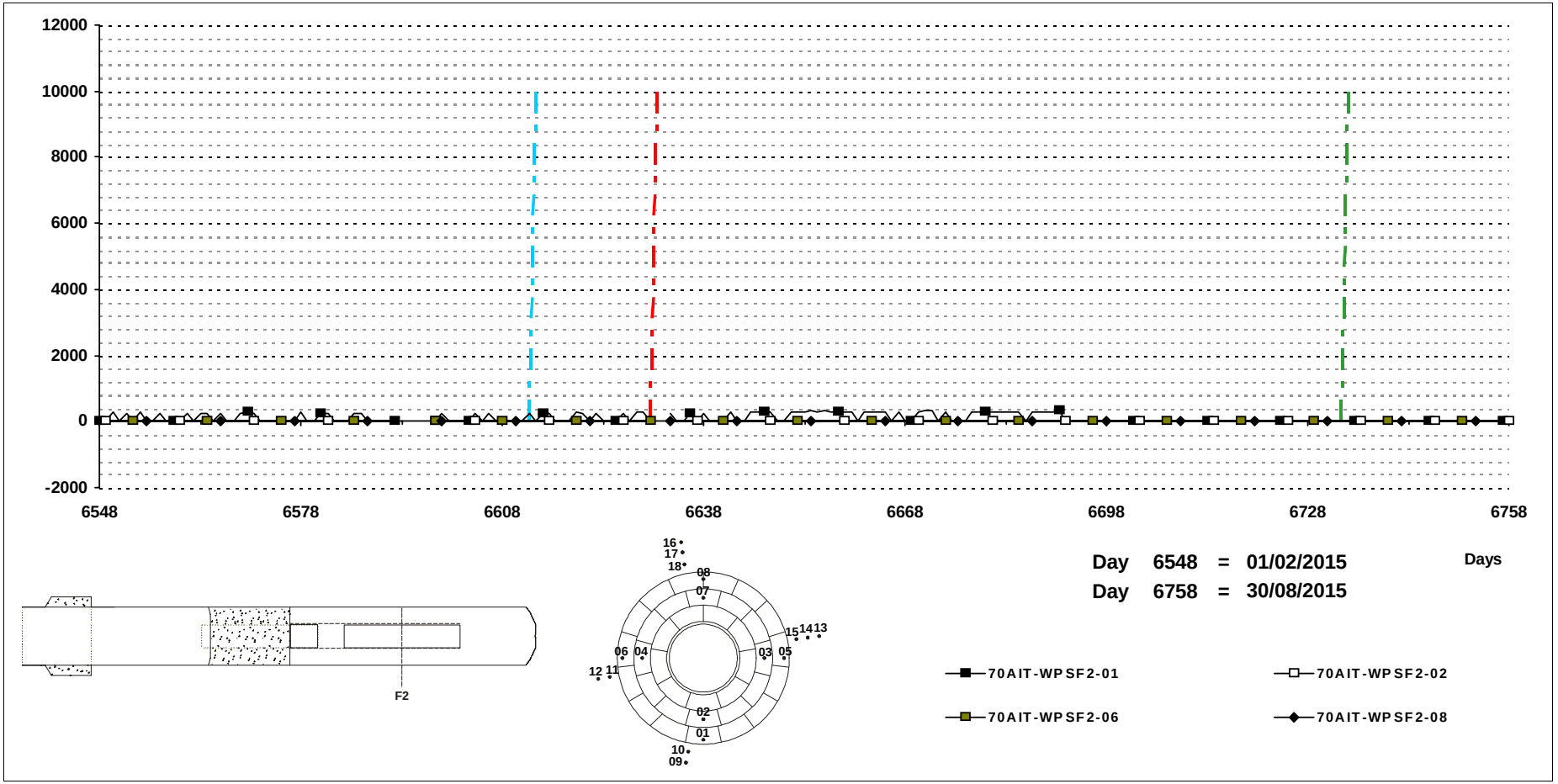


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3049 (04/07/05) to day 3158 (21/10/05) and from day 3183 (15/11/05) to day 3359 (10/05/06).
70AIT-WPSF2-01: Data from day 2179 (15/02/03) to day 3363 (14/05/06) are not reliable; 70AIT-WPSF2-02: Out of order from day 230 (15/10/97); 70AIT-WPSF2-03: Out of order from day 1961 (12/07/02).
70AIT-WPSF2-04: Out of order from day 487 (29/06/98); 70AIT-WPSF2-05: Out of order from day 116 (23/06/97); 70AIT-WPSF2-07: Out of order from day 159 (05/08/97).

SECTION F2

SENSOR TYPE: Suction from relative humidity (psychrometer). UNITS: kPa

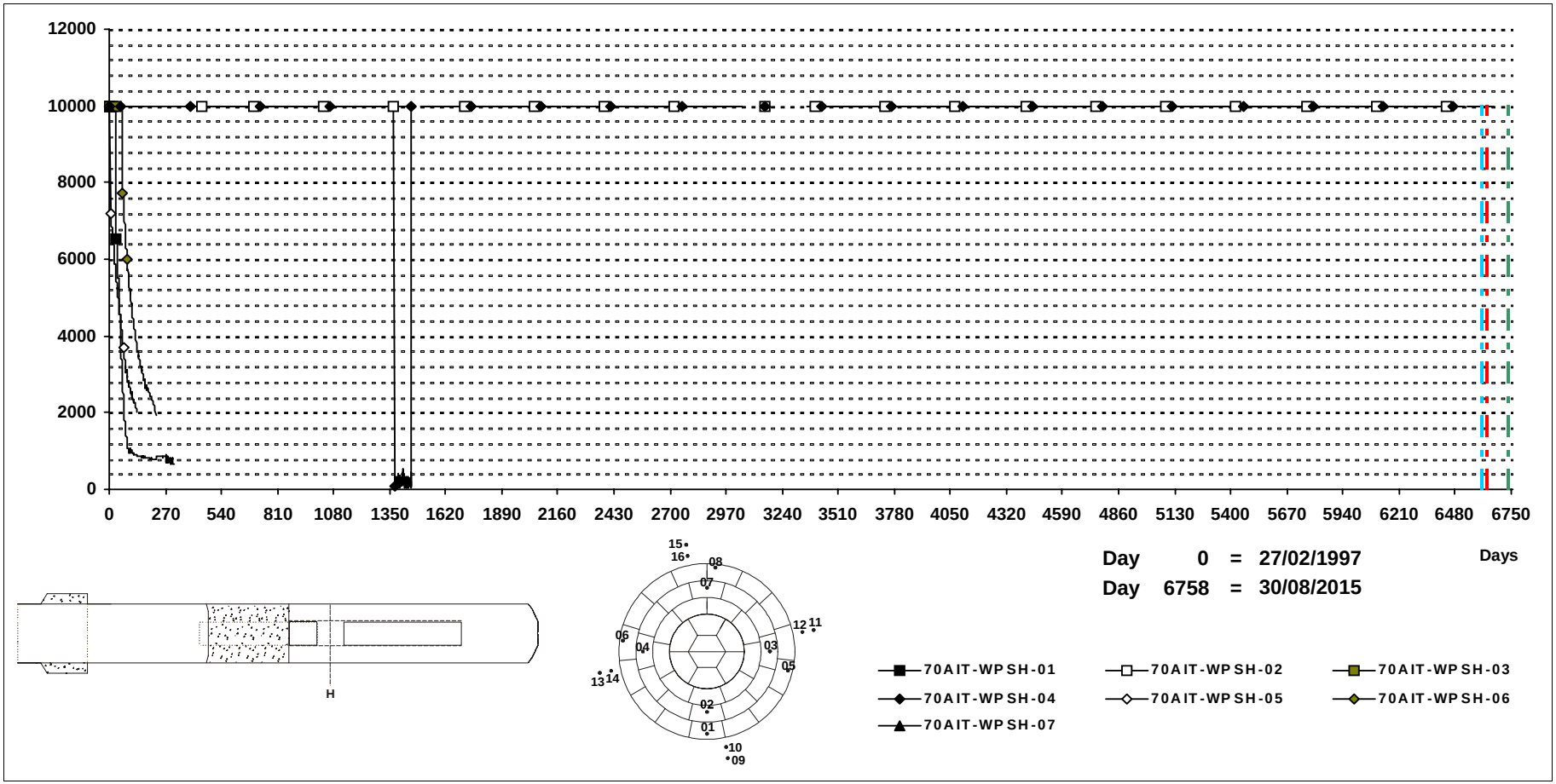


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3049 (04/07/05) to day 3158 (21/10/05) and from day 3183 (15/11/05) to day 3359 (10/05/06).
70AIT-WPSF2-01: Data from day 2179 (15/02/03) to day 3363 (14/05/06) are not reliable; 70AIT-WPSF2-02: Out of order from day 230 (15/10/97); 70AIT-WPSF2-03: Out of order from day 1961 (12/07/02).
70AIT-WPSF2-04: Out of order from day 487 (29/06/98); 70AIT-WPSF2-05: Out of order from day 116 (23/06/97); 70AIT-WPSF2-07: Out of order from day 159 (05/08/97).

SECTION H

SENSOR TYPE: Suction from relative humidity (psychrometer). ***UNITS: kPa***

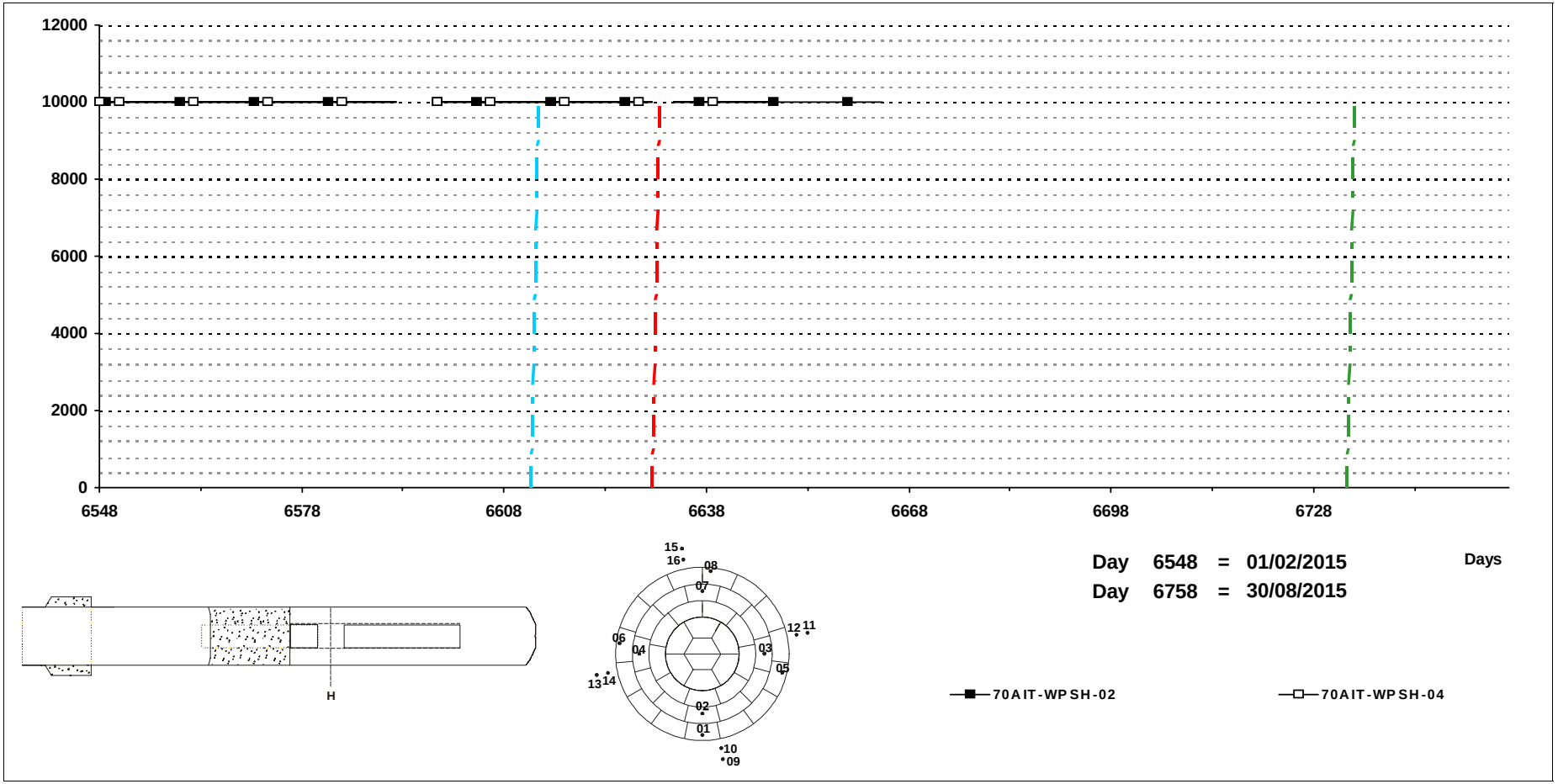


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3049 (04/07/05) to day 3158 (21/10/05) and from day 3183 (15/11/05)) to day 3359 (10/05/06).
70AIT-WPSH-01: Out of order from day 383 (17/03/98); 70AIT-WPSH-02: Data from day 3046 (01/07/05) to day 3359 (10/05/06) are not reliable; 70AIT-WPSH-03: Out of order from day 131 (08/07/97).
70AIT-WPSH-04: Data from day 3046 (01/07/05) to day 3359 (10/05/06) are not reliable; 70AIT-WPSH-05: Out of order from day 137 (14/07/97); 70AIT-WPSH-06: Out of order from day 224 (09/10/97).
70AIT-WPSH-07: Out of order from day 95 (02/06/97); 70AIT-WPSH-08: Out of order from the beginning.

SECTION H

SENSOR TYPE: Suction from relative humidity (psychrometer). ***UNITS: kPa***

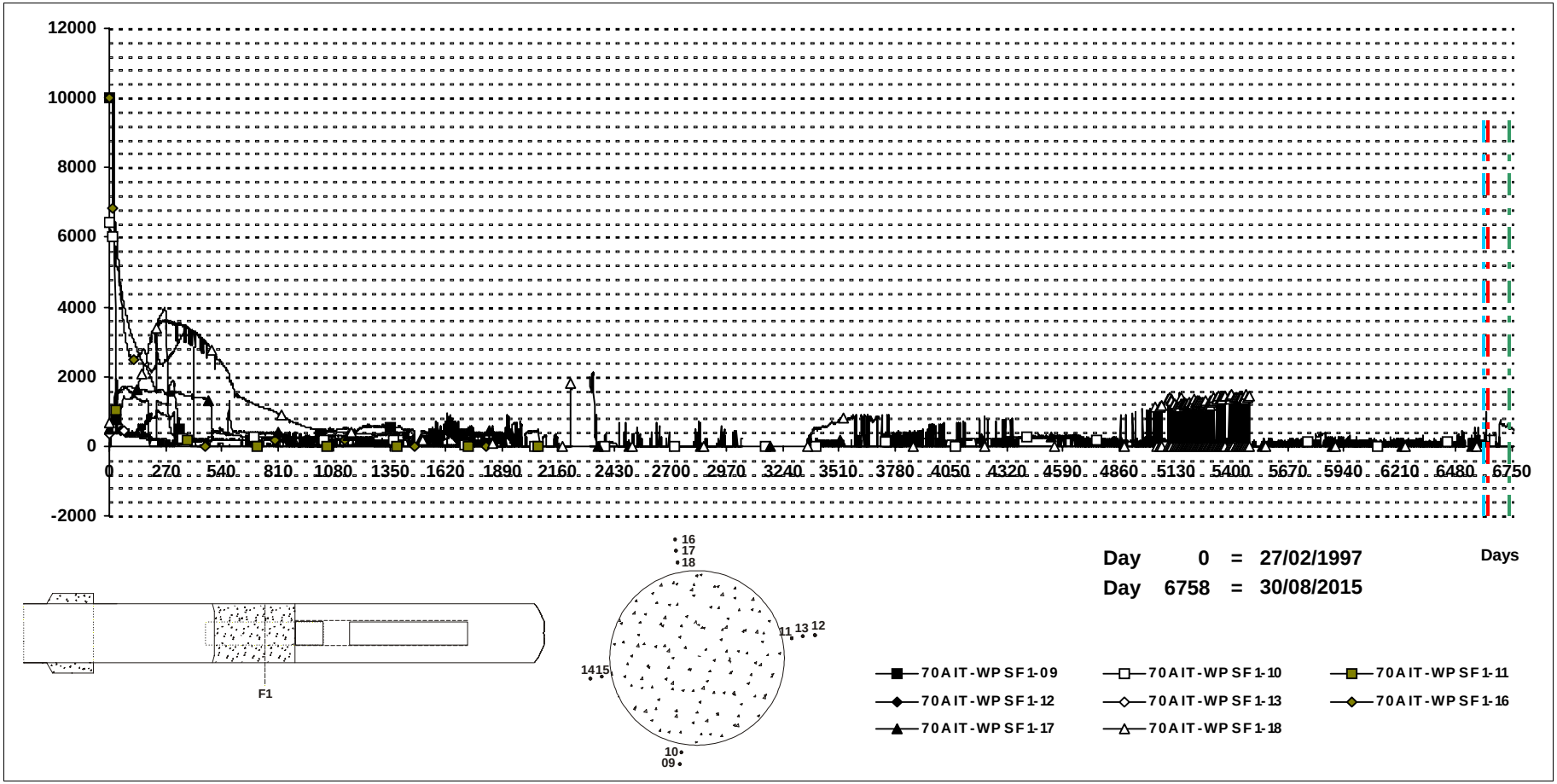


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3049 (04/07/05) to day 3158 (21/10/05) and from day 3183 (15/11/05)) to day 3359 (10/05/06).
70AIT-WPSH-01: Out of order from day 383 (17/03/98); 70AIT-WPSH-02: Data from day 3046 (01/07/05) to day 3359 (10/05/06) are not reliable; 70AIT-WPSH-03: Out of order from day 131 (08/07/97).
70AIT-WPSH-04: Data from day 3046 (01/07/05) to day 3359 (10/05/06) are not reliable; 70AIT-WPSH-05: Out of order from day 137 (14/07/97); 70AIT-WPSH-06: Out of order from day 224 (09/10/97).
70AIT-WPSH-07: Out of order from day 95 (02/06/97); 70AIT-WPSH-08: Out of order from the beginning.

SECTION F1

SENSOR TYPE: Suction from relative humidity (psychrometer). ***UNITS: kPa***

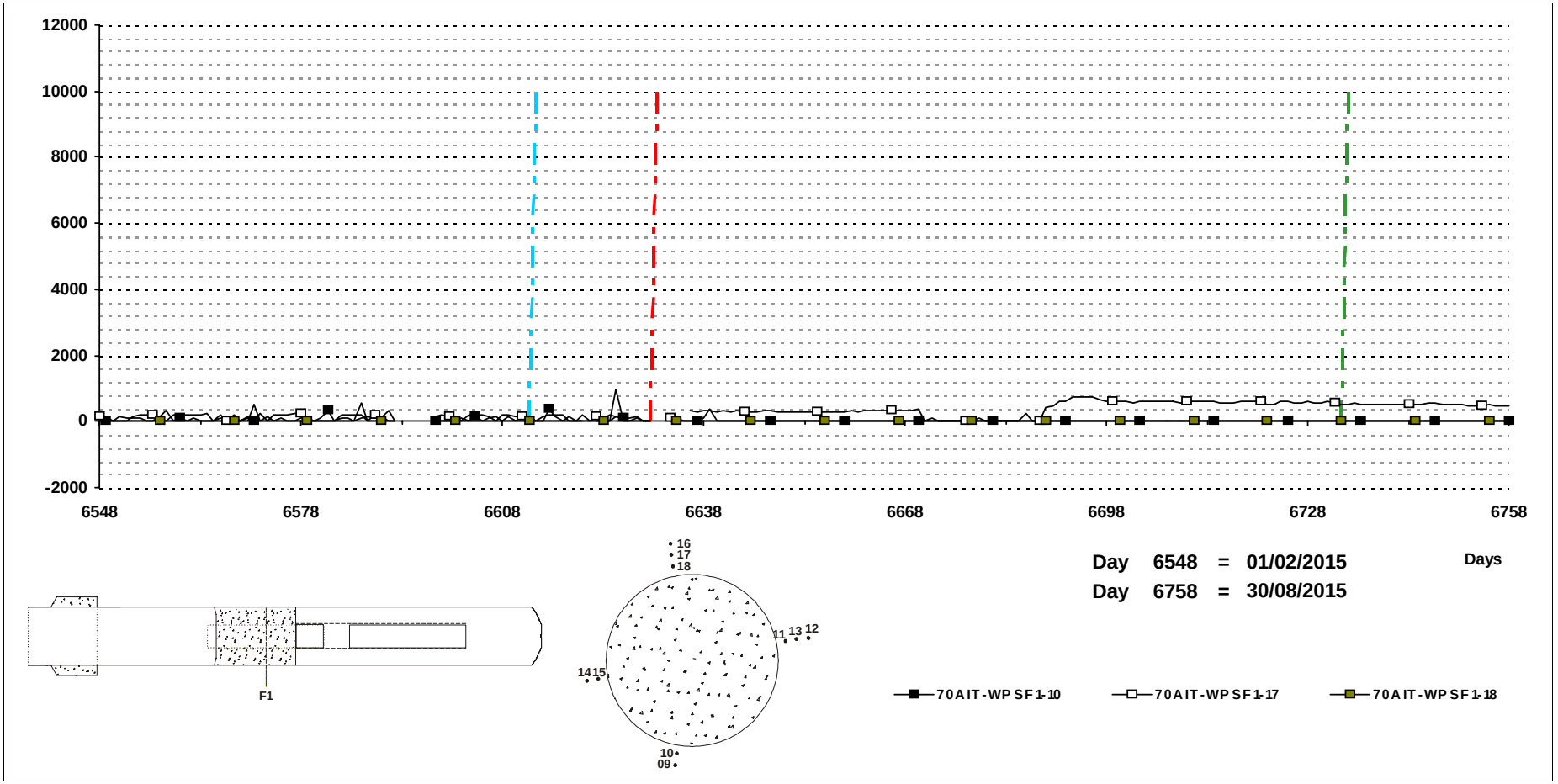


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Data Acquisition Unit from day 3049 (04/07/05) to day 3158 (21/10/05). No data because of failure in the Data Acquisition Unit from day 3183 (15/11/05).
70AIT-WPSF1-09: Out of order from day 1955 (06/07/02); 70AIT-WPSF1-11: Out of order from day 2338 (24/07/03); 70AIT-WPSF1-12: Out of order from day 339 (01/02/98).
70AIT-WPSF1-13: Out of order from day 519 (31/07/98); 70AIT-WPSF1-14 & 70AIT-WPSF1-15 : Out of order from the beginning; 70AIT-WPSF1-16: Out of order from day 1954 (05/07/02).
70AIT-WPSF1-17: Data from day 2043 (02/10/02) to day 2347 (02/08/03) are not reliable.

SECTION F1

SENSOR TYPE: Suction from relative humidity (psychrometer). UNITS: kPa

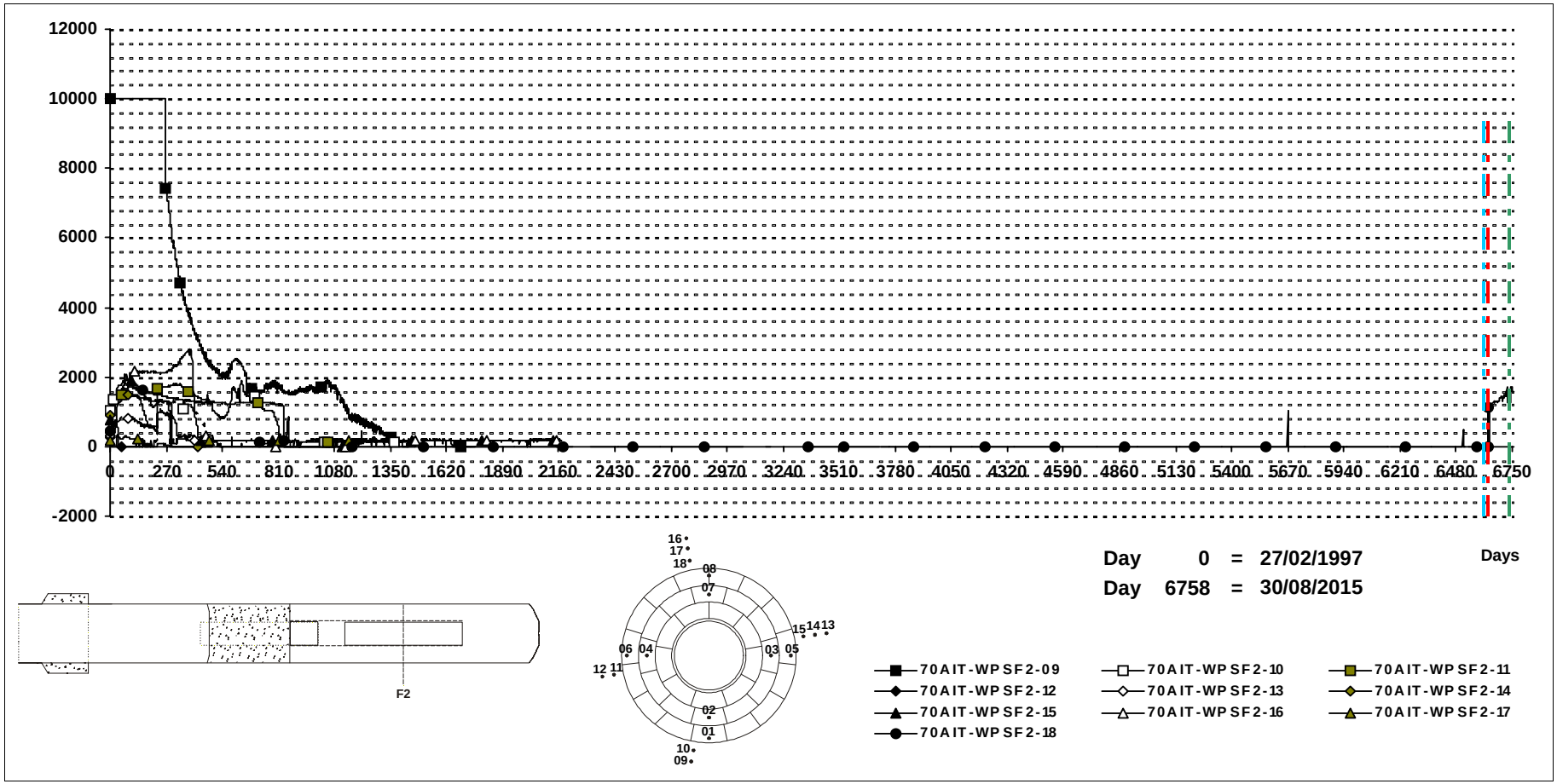


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Data Acquisition Unit from day 3049 (04/07/05) to day 3158 (21/10/05). No data because of failure in the Data Acquisition Unit from day 3183 (15/11/05).
70AIT-WPSF1-09: Out of order from day 1955 (06/07/02); 70AIT-WPSF1-11: Out of order from day 2338 (24/07/03); 70AIT-WPSF1-12: Out of order from day 339 (01/02/98).
70AIT-WPSF1-13: Out of order from day 519 (31/07/98); 70AIT-WPSF1-14 & 70AIT-WPSF1-15 : Out of order from the beginning; 70AIT-WPSF1-16: Out of order from day 1954 (05/07/02).
70AIT-WPSF1-17: Data from day 2043 (02/10/02) to day 2347 (02/08/03) are not reliable.

SECTION F2

SENSOR TYPE: Suction from relative humidity (psychrometer). ***UNITS: kPa***

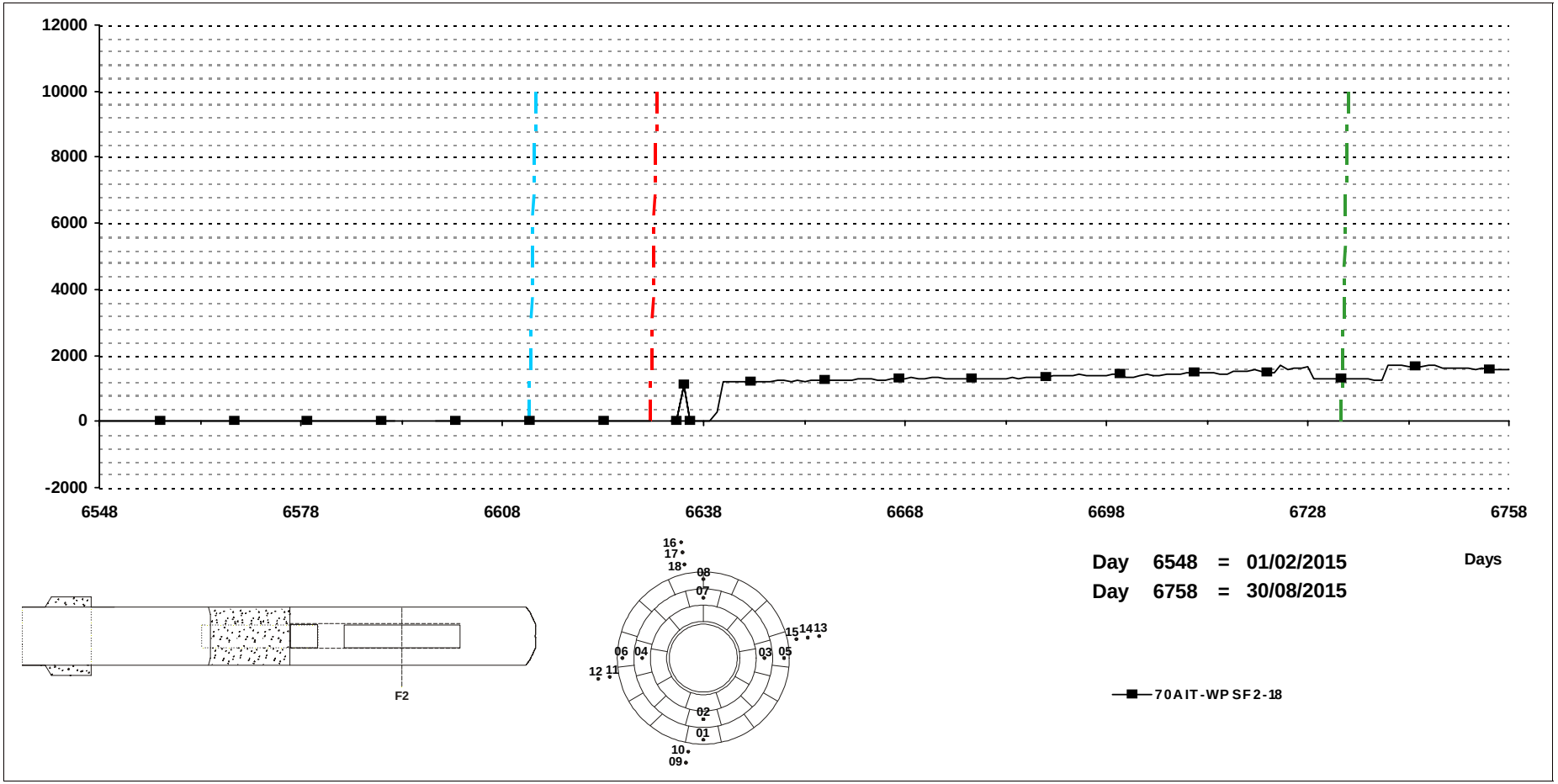


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3049 (04/07/05) to day 3158 (21/10/05) and from day 3183 (15/11/05).
70AIT-WPSF2-09: Out of order from day 1762 (25/12/01); 70AIT-WPSF2-10: Out of order from day 1469 (07/03/01); 70AIT-WPSF2-11: Out of order from day 1275 (25/08/00).
70AIT-WPSF2-12: Out of order from day 230 (15/10/97); 70AIT-WPSF2-13: Out of order from day 463 (05/06/98); 70AIT-WPSF2-14: Out of order from day 491 (03/07/98).
70AIT-WPSF2-15: Out of order from day 2169 (05/02/03); 70AIT-WPSF2-16: Out of order from day 2177 (13/02/03); 70AIT-WPSF2-17: Out of order from day 1224 (05/07/00).

SECTION F2

SENSOR TYPE: Suction from relative humidity (psychrometer). UNITS: kPa

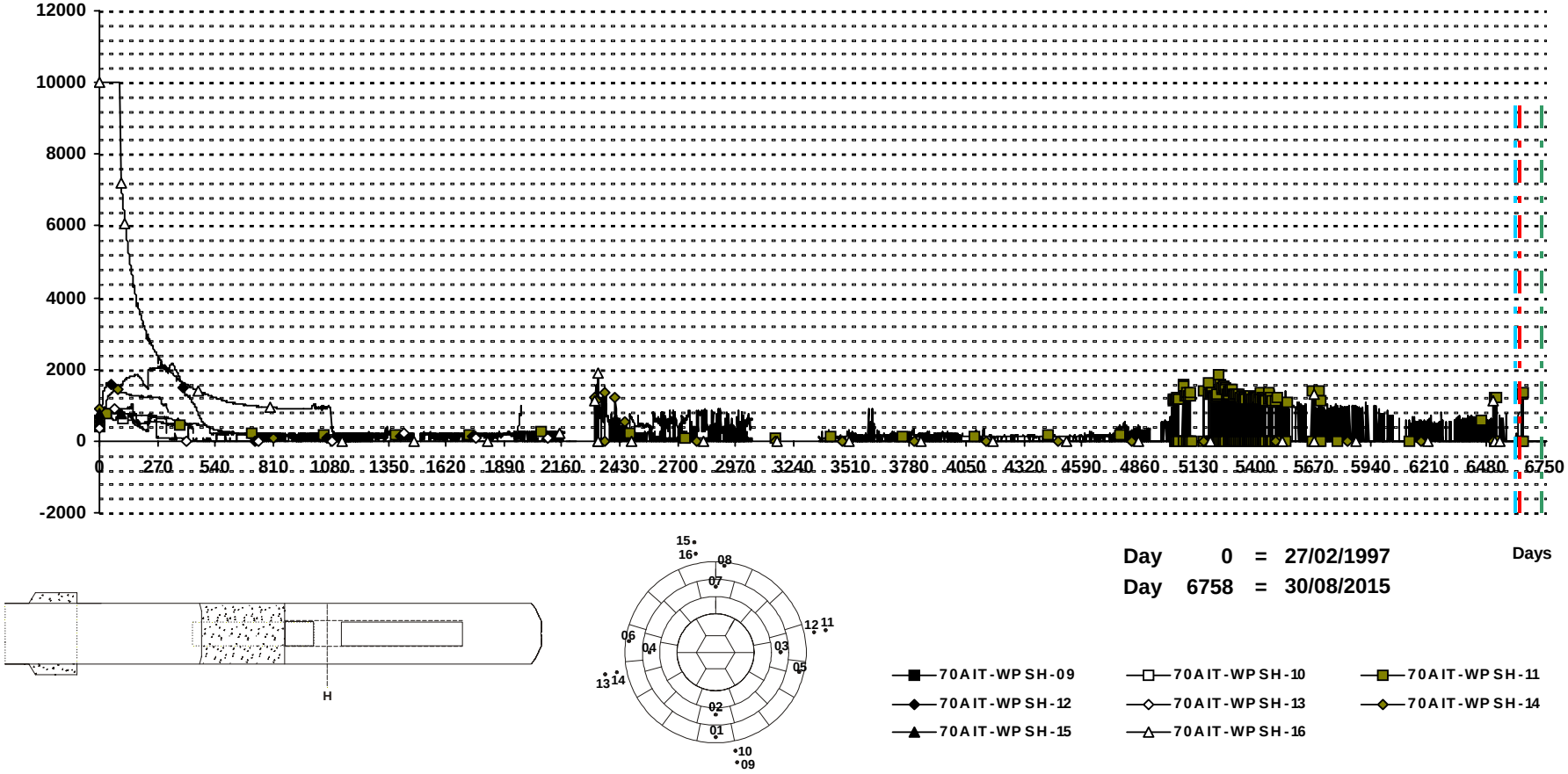


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03). No data because of failure in the Data Acquisition Unit from day 3049 (04/07/05) to day 3158 (21/10/05) and from day 3183 (15/11/05).
70AIT-WPSF2-09: Out of order from day 1762 (25/12/01); 70AIT-WPSF2-10: Out of order from day 1469 (07/03/01); 70AIT-WPSF2-11: Out of order from day 1275 (25/08/00).
70AIT-WPSF2-12: Out of order from day 230 (15/10/97); 70AIT-WPSF2-13: Out of order from day 463 (05/06/98); 70AIT-WPSF2-14: Out of order from day 491 (03/07/98).
70AIT-WPSF2-15: Out of order from day 2169 (05/02/03); 70AIT-WPSF2-16: Out of order from day 2177 (13/02/03); 70AIT-WPSF2-17: Out of order from day 1224 (05/07/00).

SECTION H

SENSOR TYPE: Suction from relative humidity (psychrometer). ***UNITS: kPa***

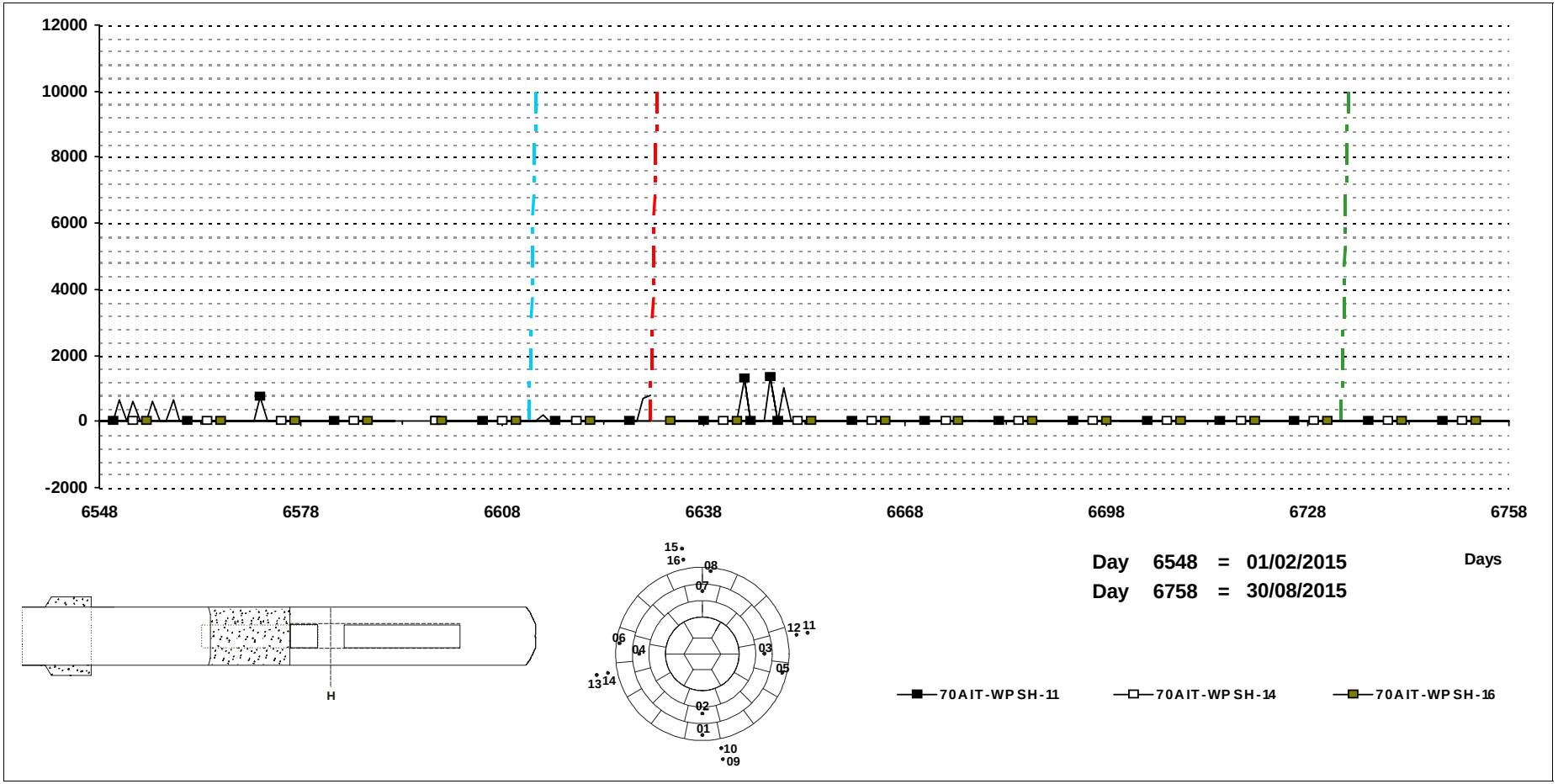


COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03).
70AIT-WPSH-09: Out of order from day 189 (04/09/97); 70AIT-WPSH-10: Out of order from day 311 (04/01/98); 70AIT-WPSH-11: Data from day 2177 (13/02/03) to day 2475 (08/12/03) are not reliable.
70AIT-WPSH-12: Out of order from day 1970 (21/07/02); 70AIT-WPSH-13: Out of order from day 2177 (13/02/03); 70AIT-WPSH-14: Out of order from day 318 (11/01/98).
70AIT-WPSH-15: Out of order from day 438 (11/05/98).

SECTION H

SENSOR TYPE: Suction from relative humidity (psychrometer). UNITS: kPa



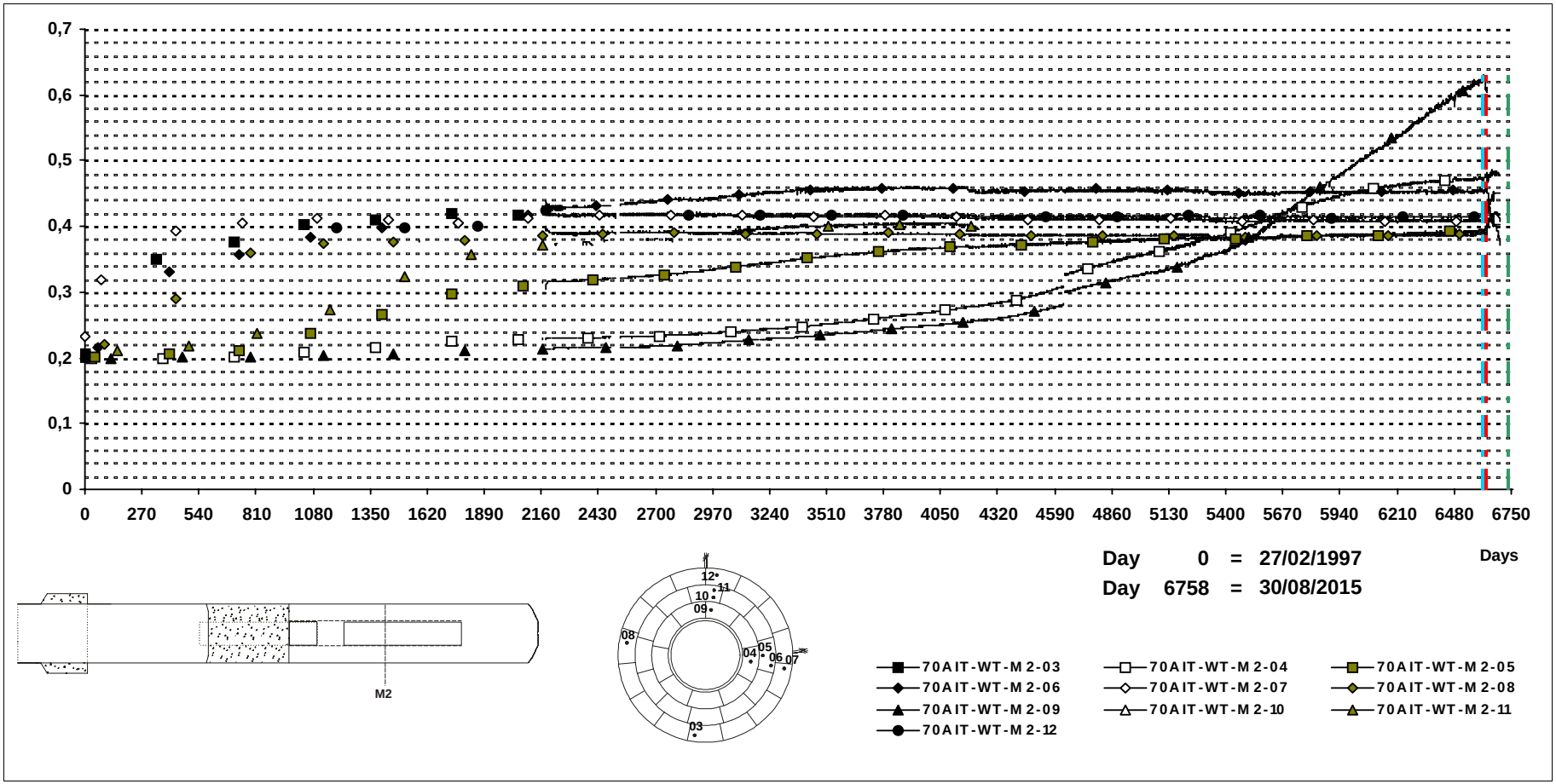
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

No data because of failure in the Uninterrupted Power Supply from day 2170 (06/02/03) to day 2177 (13/02/03).
70AIT-WPSH-09: Out of order from day 189 (04/09/97); 70AIT-WPSH-10: Out of order from day 311 (04/01/98); 70AIT-WPSH-11: Data from day 2177 (13/02/03) to day 2475 (08/12/03) are not reliable.
70AIT-WPSH-12: Out of order from day 1970 (21/07/02); 70AIT-WPSH-13: Out of order from day 2177 (13/02/03); 70AIT-WPSH-14: Out of order from day 318 (11/01/98).
70AIT-WPSH-15: Out of order from day 438 (11/05/98).

SECTION M2

SENSOR TYPE: Water content (TDR).

UNITS: VOLUMETRIC RATIO (PER UNIT)



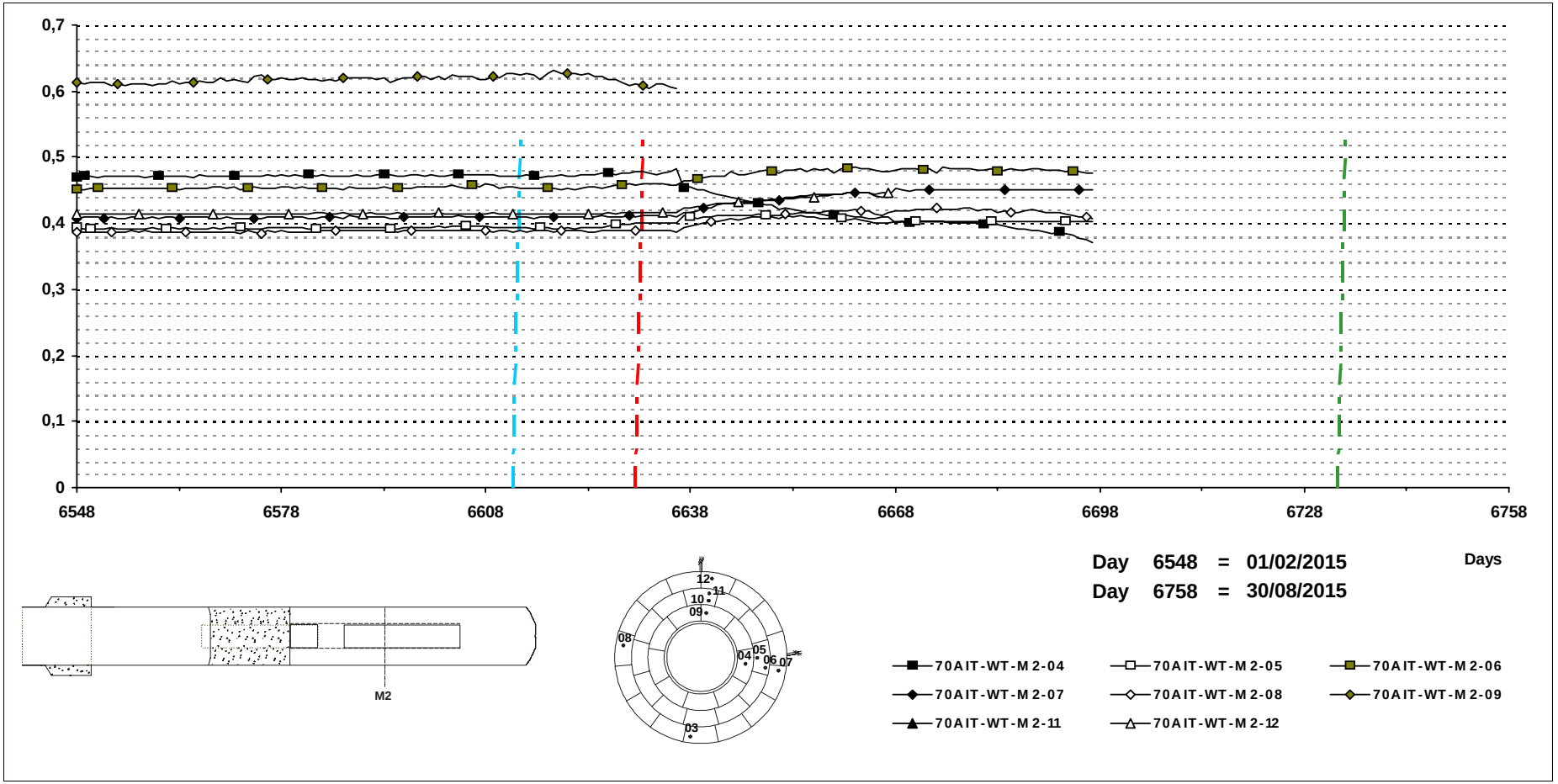
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

There are no data from day 511 (23/07/98) to day 536 (17/08/98) (probably due to a power supply failure), day 556 (06/09/98) (probably due to operational works), day 731 (28/02/99) (due to operational works), from day 760 (29/03/99) to day 784 (22/04/99) (probably due to operational works), from day 824 (01/06/99) to day 839 (16/06/99) (probably due to operational works), day 1182 (24/05/00) (probably due to operational works), day 1217 (28/06/00) (probably due to operational works), from day 1595 (11/07/01) to day 1616 (01/08/01) (due to various technical problems), from day 1636 (21/08/01) to day 1697 (21/10/01) (due to various technical problems) and from day 1706 (30/10/01) to day 1734 (27/11/01) (due to various technical problems).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Data up to day 2165 (1/01/03) reinterpreted manually.

SECTION M2

SENSOR TYPE: Water content (TDR).

UNITS: VOLUMETRIC RATIO (PER UNIT)



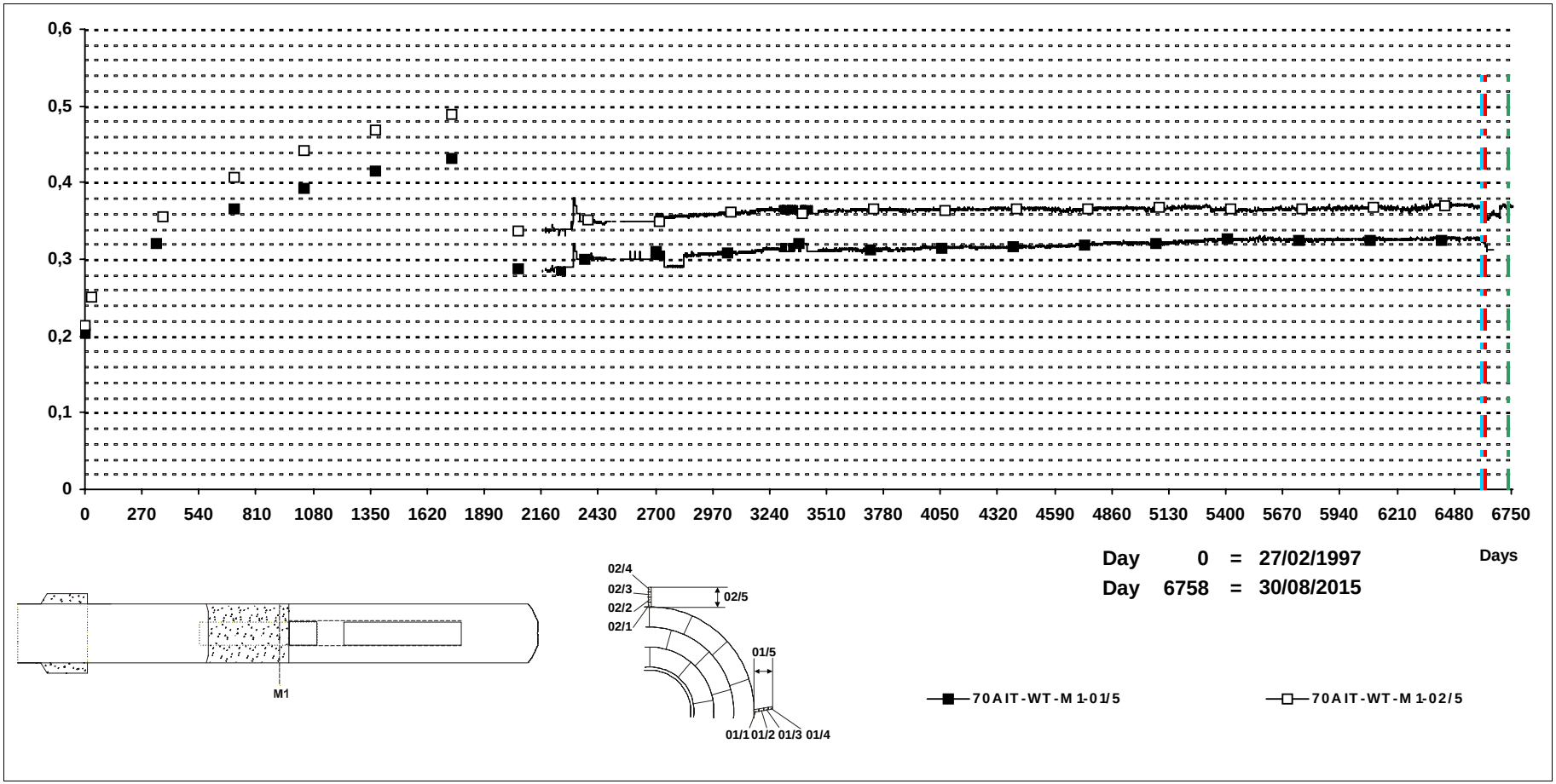
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

There are no data from day 511 (23/07/98) to day 536 (17/08/98) (probably due to a power supply failure), day 556 (06/09/98) (probably due to operational works), day 731 (28/02/99) (due to operational works), from day 760 (29/03/99) to day 784 (22/04/99) (probably due to operational works), from day 824 (01/06/99) to day 839 (16/06/99) (probably due to operational works), day 1182 (24/05/00) (probably due to operational works), day 1217 (28/06/00) (probably due to operational works), from day 1595 (11/07/01) to day 1616 (01/08/01) (due to various technical problems), from day 1636 (21/08/01) to day 1697 (21/10/01) (due to various technical problems) and from day 1706 (30/10/01) to day 1734 (27/11/01) (due to various technical problems).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Data up to day 2165 (1/01/03) reinterpreted manually.

SECTION M1

SENSOR TYPE: Water content (TDR).

UNITS: VOLUMETRIC RATIO (PER UNIT)



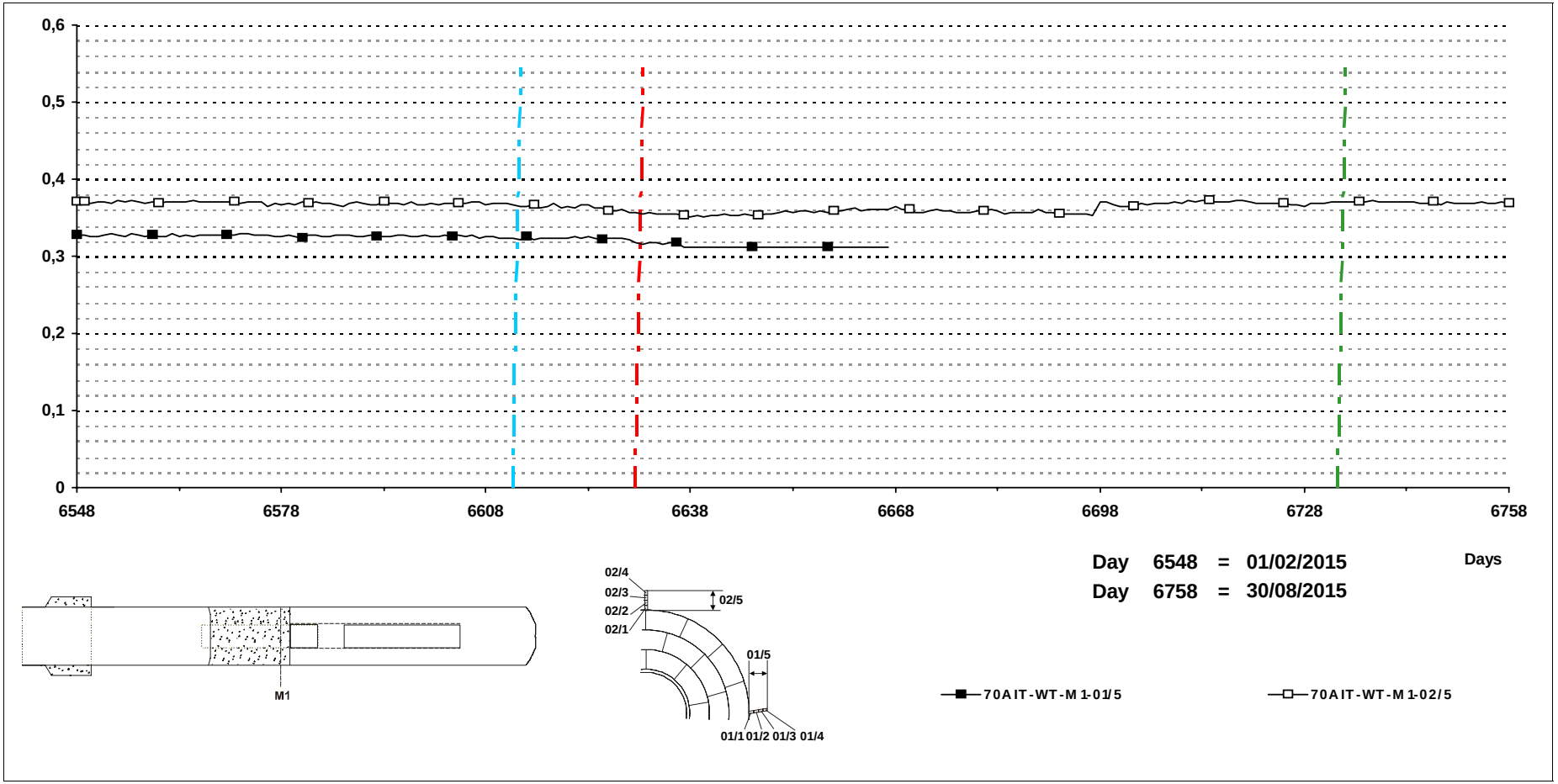
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

There is no data from day 511 (23/07/98) to day 536 (17/08/98) (probably due to a power supply failure), day 556 (06/09/98) (probably due to operational works), day 731 (28/02/99) (due to operational works), from day 760 (29/03/99) to day 784 (22/04/99) (probably due to operational works), from day 824 (01/06/99) to day 839 (16/06/99) (probably due to operational works), day 1182 (24/05/00) (probably due to operational works), day 1217 (28/06/00) (probably due to operational works), from day 1595 (11/07/01) to day 1616 (01/08/01) (due to various technical problems), from day 1636 (21/08/01) to day 1697 (21/10/01) (due to various technical problems) and from day 1706 (30/10/01) to day 1734 (27/11/01) (due to various technical problems).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Data up to day 2165 (1/01/03) reinterpreted manually.

SECTION M1

SENSOR TYPE: Water content (TDR).

UNITS: VOLUMETRIC RATIO (PER UNIT)



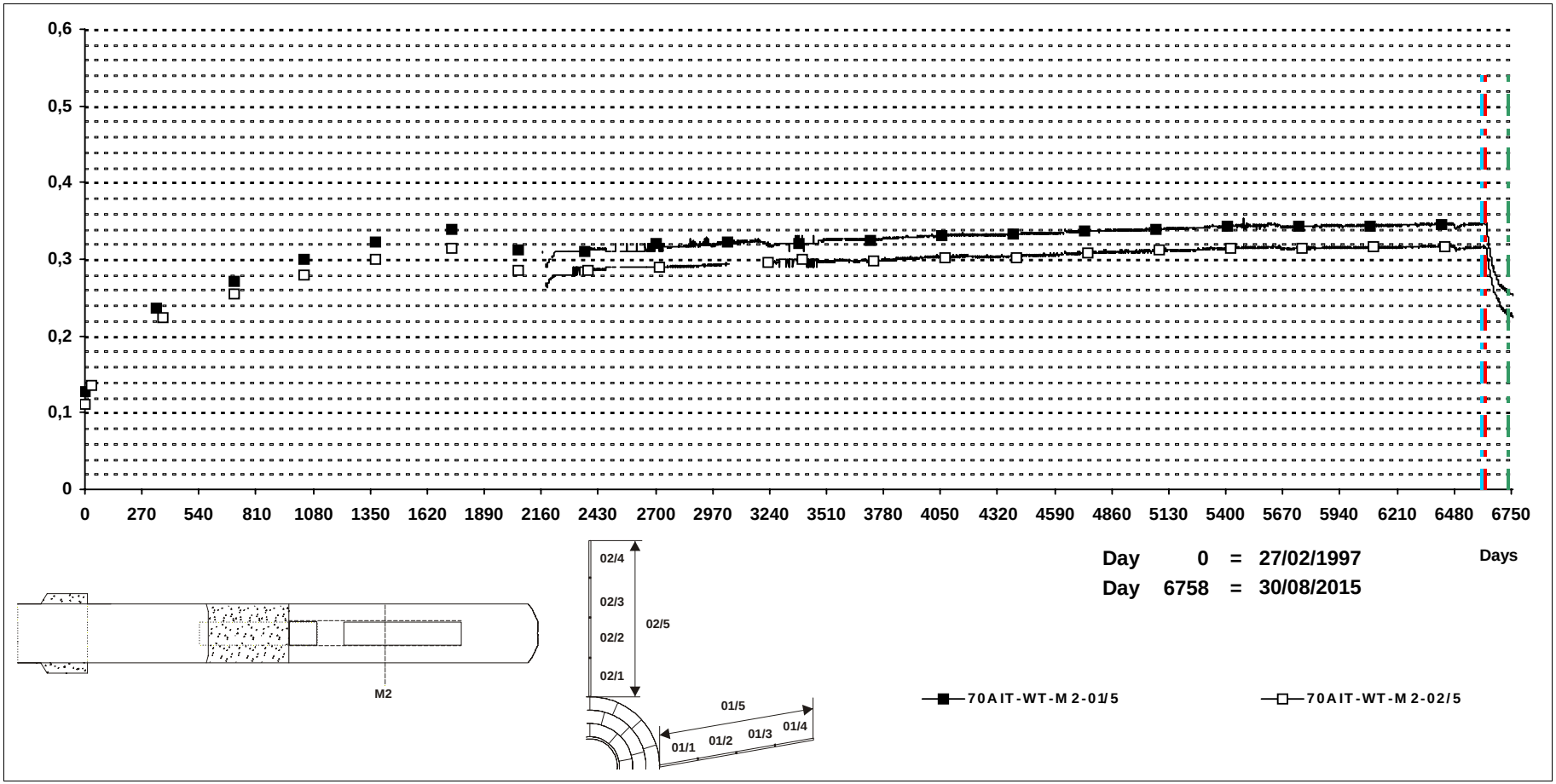
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

There is no data from day 511 (23/07/98) to day 536 (17/08/98) (probably due to a power supply failure), day 556 (06/09/98) (probably due to operational works), day 731 (28/02/99) (due to operational works), from day 760 (29/03/99) to day 784 (22/04/99) (probably due to operational works), from day 824 (01/06/99) to day 839 (16/06/99) (probably due to operational works), day 1182 (24/05/00) (probably due to operational works), day 1217 (28/06/00) (probably due to operational works), from day 1595 (11/07/01) to day 1616 (01/08/01) (due to various technical problems), from day 1636 (21/08/01) to day 1697 (21/10/01) (due to various technical problems) and from day 1706 (30/10/01) to day 1734 (27/11/01) (due to various technical problems).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Data up to day 2165 (1/01/03) reinterpreted manually.

SECTION M2

SENSOR TYPE: Water content (TDR).

UNITS: VOLUMETRIC RATIO (PER UNIT)



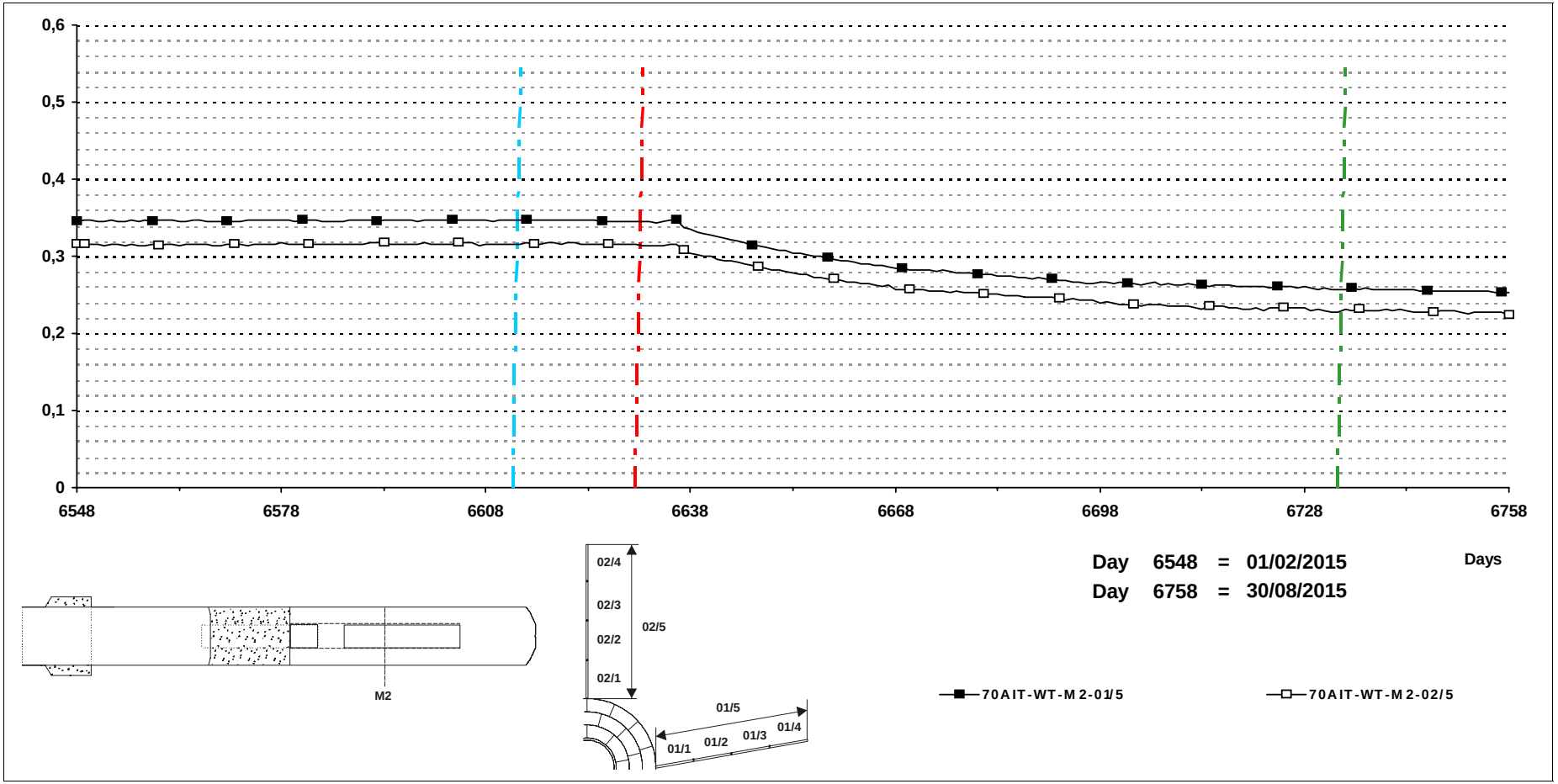
COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

There is no data from day 511 (23/07/98) to day 536 (17/08/98) (probably due to a power supply failure), day 556 (06/09/98) (probably due to operational works), day 731 (28/02/99) (due to operational works), from day 760 (29/03/99) to day 784 (22/04/99) (probably due to operational works), from day 824 (01/06/99) to day 839 (16/06/99) (probably due to operational works), day 1182 (24/05/00) (probably due to operational works), day 1217 (28/06/00) (probably due to operational works), from day 1595 (11/07/01) to day 1616 (01/08/01) (due to various technical problems), from day 1636 (21/08/01) to day 1697 (21/10/01) (due to various technical problems) and from day 1706 (30/10/01) to day 1734 (27/11/01) (due to various technical problems).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Data up to day 2165 (1/01/03) reinterpreted manually.

SECTION M2

SENSOR TYPE: Water content (TDR).

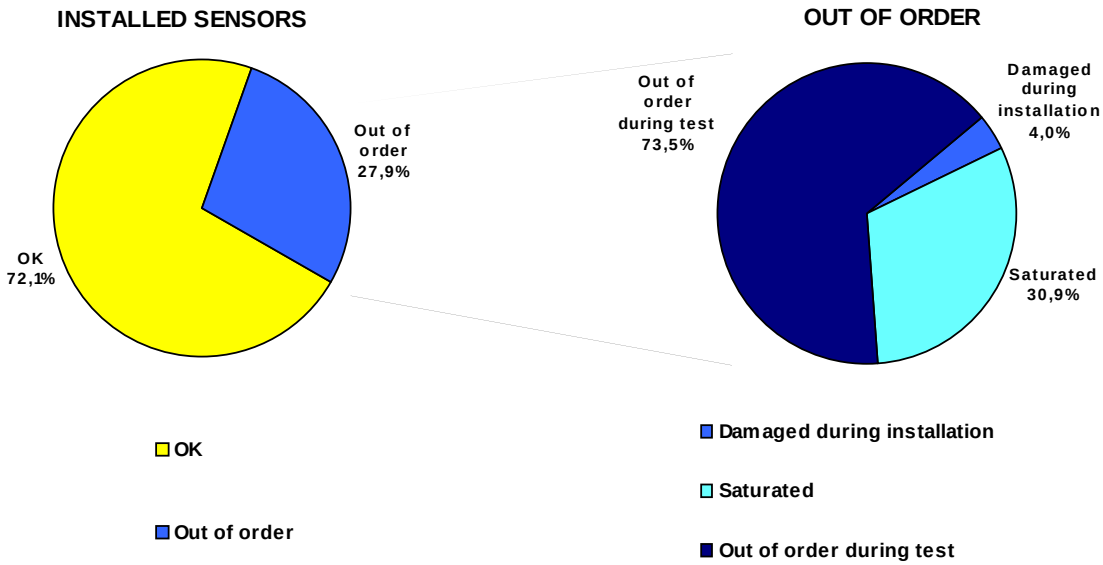
UNITS: VOLUMETRIC RATIO (PER UNIT)



COMMENTS: *The vertical lines show in blue the start-up of the plug dismantling (day 6614), in red the Heater switch off (day 6630) and in green the end of the dismantling operation (day 6758).*

There is no data from day 511 (23/07/98) to day 536 (17/08/98) (probably due to a power supply failure), day 556 (06/09/98) (probably due to operational works), day 731 (28/02/99) (due to operational works), from day 760 (29/03/99) to day 784 (22/04/99) (probably due to operational works), from day 824 (01/06/99) to day 839 (16/06/99) (probably due to operational works), day 1182 (24/05/00) (probably due to operational works), day 1217 (28/06/00) (probably due to operational works), from day 1595 (11/07/01) to day 1616 (01/08/01) (due to various technical problems), from day 1636 (21/08/01) to day 1697 (21/10/01) (due to various technical problems) and from day 1706 (30/10/01) to day 1734 (27/11/01) (due to various technical problems).
No data because of failure in the Uninterrupted Power Supply from day 2170 (6/02/03) to day 2177 (13/02/03).
Data up to day 2165 (1/01/03) reinterpreted manually.

SENSORS OUT OF ORDER



INSTALLED SENSORS

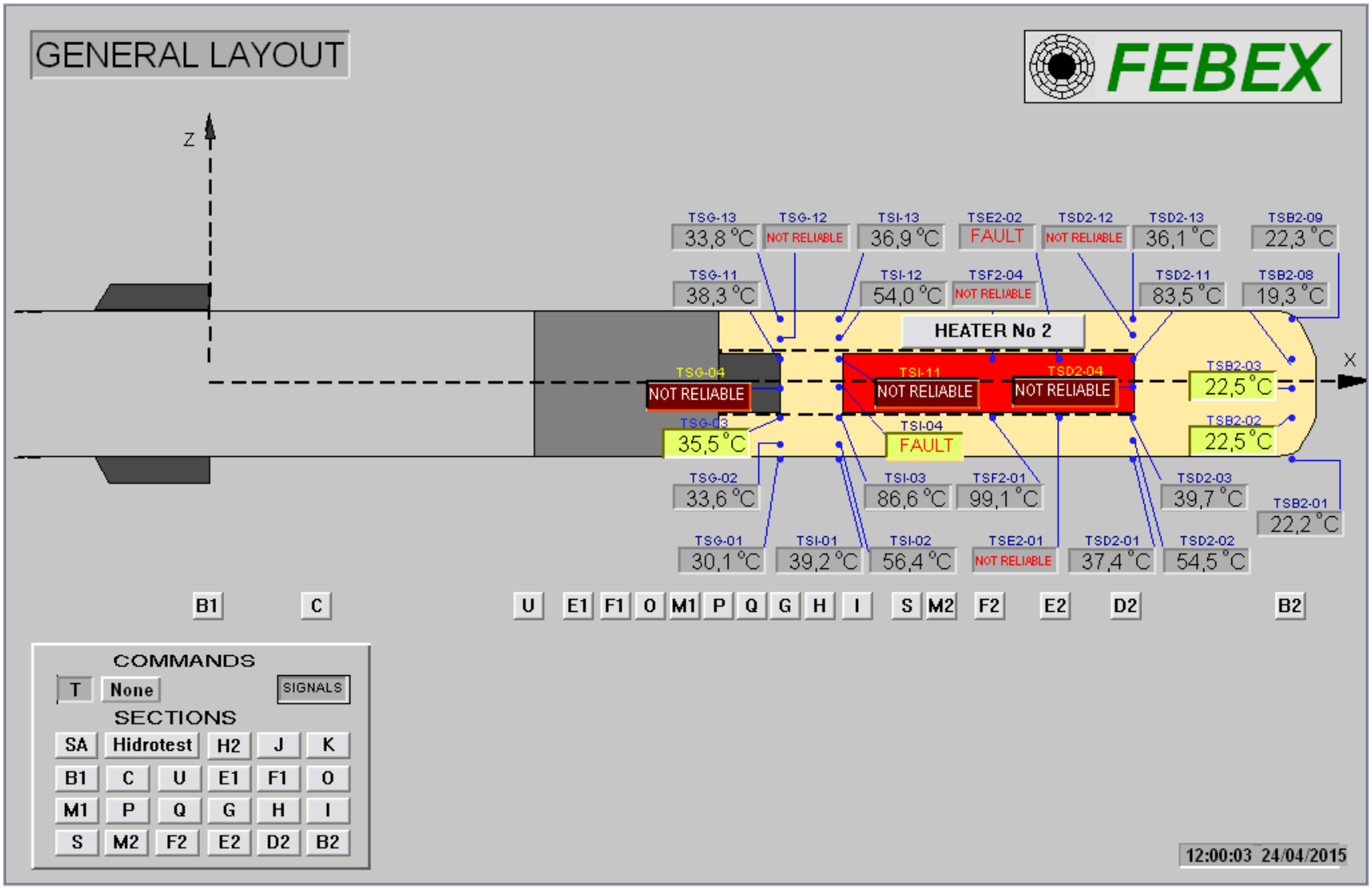
Initial sensors	670
Removed during dismantling	188
New installed sensors	52
Total sensors	**534**

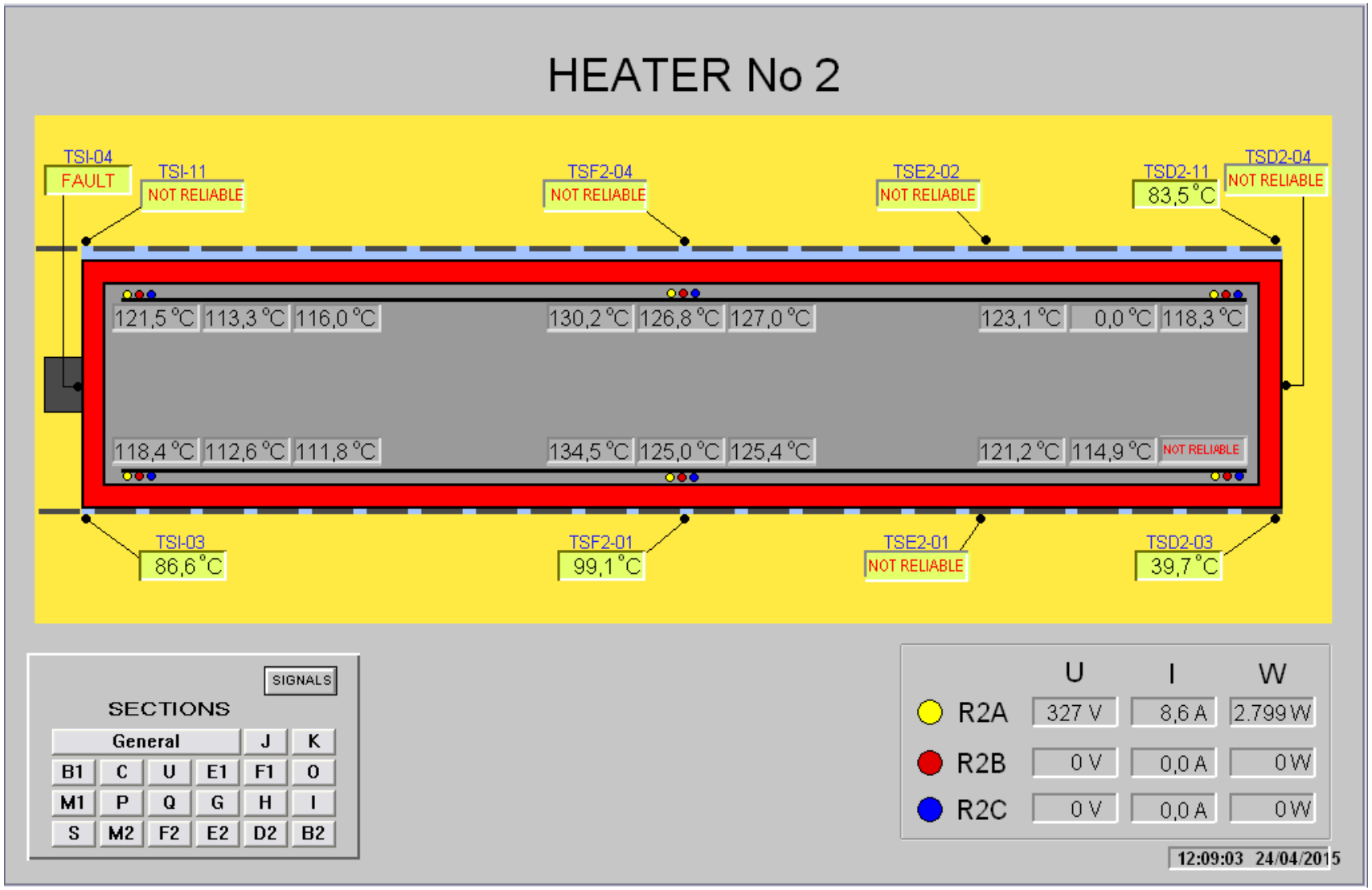
OK	385
Damaged during installation	6
Saturated	46
Out of order during test	97

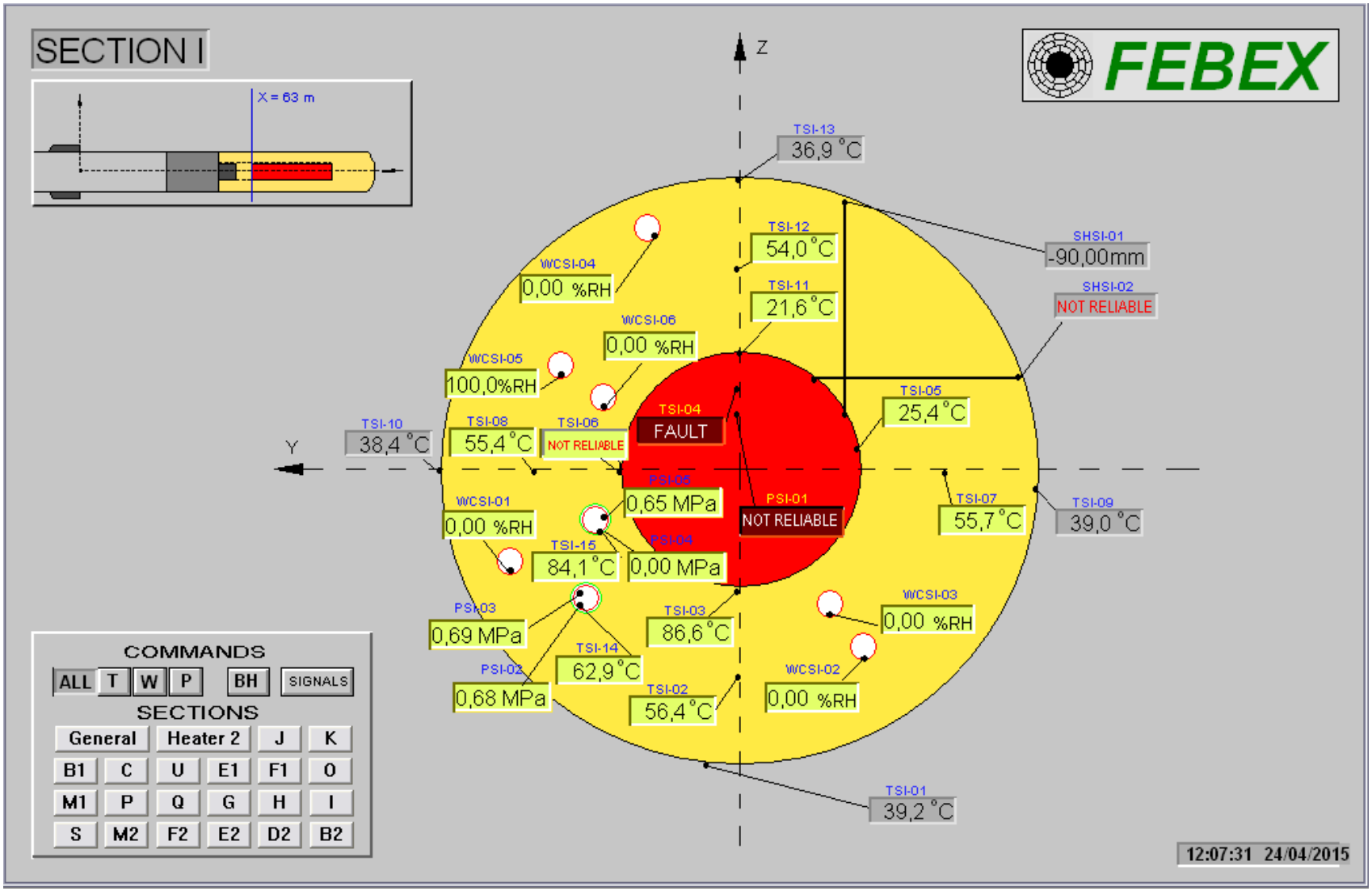
HUMIDITY SENSORS

Initial humidity sensors	175
Removed during dismantling	61
New installed humidity sensors	21
Total sensors	**135**

OK	54
Damaged during installation	3
Saturated	46
Out of order during test	32


GENERAL LAYOUT
FEBEX
Z
X
HEATER No 2
TSG-13 33,8 °C
TSG-12 NOT RELIABLE
TSI-13 36,9 °C
TSE2-02 FAULT
TSD2-12 NOT RELIABLE
TSD2-13 36,1 °C
TSB2-09 22,3 °C
TSG-11 38,3 °C
TSI-12 54,0 °C
TSF2-04 NOT RELIABLE
TSD2-11 83,5 °C
TSB2-08 19,3 °C
TSG-04 NOT RELIABLE
TSI-11 NOT RELIABLE
TSD2-04 NOT RELIABLE
TSB2-03 22,5 °C
TSG-03 35,5 °C
TSI-04 FAULT
TSB2-02 22,5 °C
TSG-02 33,6 °C
TSI-03 86,6 °C
TSF2-01 99,1 °C
TSD2-03 39,7 °C
TSB2-01 22,2 °C
TSG-01 30,1 °C
TSI-01 39,2 °C
TSI-02 56,4 °C
TSE2-01 NOT RELIABLE
TSD2-01 37,4 °C
TSD2-02 54,5 °C
B1 C U E1 F1 O M1 P Q G H I S M2 F2 E2 D2 B2
COMMANDS
T None SIGNALS
SECTIONS
SA Hidrotest H2 J K
B1 C U E1 F1 O
M1 P Q G H I
S M2 F2 E2 D2 B2
12:00:03 24/04/2015


HEATER No 2
TSI-04
FAULT
TSI-11
NOT RELIABLE
TSF2-04
NOT RELIABLE
TSE2-02
NOT RELIABLE
TSD2-11
83,5 °C
TSD2-04
NOT RELIABLE
121,5 °C
113,3 °C
116,0 °C
130,2 °C
126,8 °C
127,0 °C
123,1 °C
0,0 °C
118,3 °C
118,4 °C
112,6 °C
111,8 °C
134,5 °C
125,0 °C
125,4 °C
121,2 °C
114,9 °C
NOT RELIABLE
TSI-03
86,6 °C
TSF2-01
99,1 °C
TSE2-01
NOT RELIABLE
TSD2-03
39,7 °C
SIGNALS
SECTIONS
General
J
K
B1
C
U
E1
F1
O
M1
P
Q
G
H
I
S
M2
F2
E2
D2
B2
U
I
W
R2A
327 V
8,6 A
2.799 W
R2B
0 V
0,0 A
0 W
R2C
0 V
0,0 A
0 W
12:09:03 24/04/2015


SECTION I
X = 63 m
FEBEX
Z
Y
TSI-13
36,9 °C
TSI-12
54,0 °C
TSI-11
21,6 °C
SHSI-01
-90,00mm
SHSI-02
NOT RELIABLE
WCSI-04
0,00 %RH
WCSI-06
0,00 %RH
WCSI-05
100,0%RH
TSI-04
FAULT
TSI-05
25,4 °C
TSI-10
38,4 °C
TSI-08
55,4 °C
TSI-06
NOT RELIABLE
PSI-05
0,65 MPa
PSI-01
NOT RELIABLE
TSI-07
55,7 °C
TSI-09
39,0 °C
WCSI-01
0,00 %RH
TSI-15
84,1 °C
PSI-04
0,00 MPa
PSI-03
0,69 MPa
TSI-03
86,6 °C
WCSI-03
0,00 %RH
TSI-14
62,9 °C
PSI-02
0,68 MPa
TSI-02
56,4 °C
WCSI-02
0,00 %RH
TSI-01
39,2 °C
COMMANDS
ALL
T
W
P
BH
SIGNALS
SECTIONS
General
Heater 2
J
K
B1
C
U
E1
F1
O
M1
P
Q
G
H
I
S
M2
F2
E2
D2
B2
12:07:31 24/04/2015

6 Sensors status

A summarised report on sensors status is given on Page 230. A total of 670 sensors had been installed at the start of the experiment. During the first dismantling, 188 sensors were removed, and afterwards 52 new sensors were installed, so a total of 534 sensors were installed before the final dismantling. The percentage of operative sensors at the start-up of the dismantling operation over this total was at 72.1 %. A breakdown of sensors still in operation since the start of the experiment can be seen in Fig. 10.

Out of the 149 sensors that were not in operation, 30.9 % correspond to saturation of humidity sensors, which explains the lower functionality rate for this type of sensors. The rest corresponds to sensor failure, both during the installation (4 %) and during the experiment lifetime (65.1 %). A report presenting the analysis performed on the bentonite sensors recovered during the dismantling operations was issued as part of the documentation of the dismantling operation of the FEBEX in situ test (Rey el al. 2016).

Two short periods with higher failure rates have been marked in Fig. 5, between days 1'950 and 1'980 (July 2002) and between days 2'290 and 2'310 (June 2003), corresponding respectively to the dismantling of bentonite around heater #1 and to the installation of the cable connection boxes embedded afterwards within the new plug.

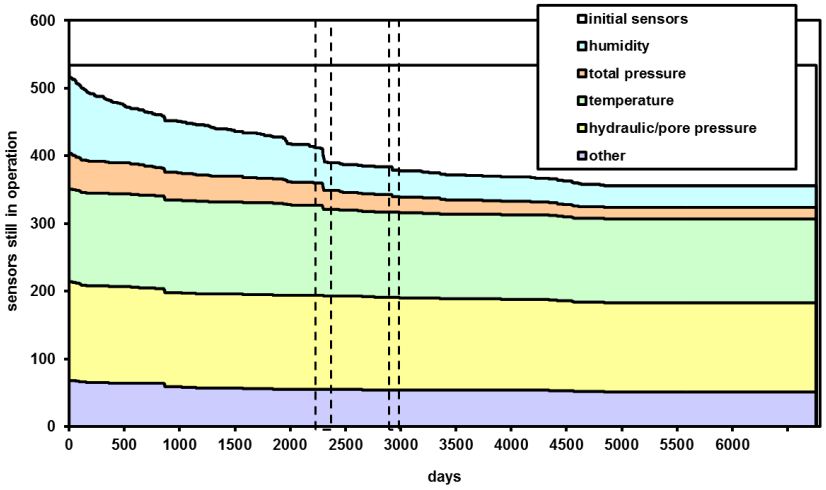


Fig. 10: Evolution of sensors in operation along the lifetime of the experiment.

7 References

Bárcena, I. & García-Siñeriz, J.L. (2015)a: FEBEX-DP (GTS) Full Dismantling Sampling Plan. Nagra Arbeitsbericht NAB 15-14.

Bárcena, I., & García-Siñeriz, J.L.(2015)b. FEBEX-DP (GTS) Full Dismantling Test Plan. Nagra Arbeitsbericht NAB 15-15.

Bárcena, I., Fuentes-Cantillana, J.L. & García-Siñeriz, J.L. (2003): Dismantling of the heater 1 at the FEBEX "in situ" test. Description of operations. Enresa Technical Report 9/2003.

Fuentes-Cantillana, J.L. & García-Siñeriz J.L (AITEMIN). (1998)b: "FEBEX Full-scale Engineered Barriers Experiment in Crystalline Host Rock. Final Design and Installation of the "In situ" Test at Grimsel". Enresa Technical Report 12/98.

Fuentes-Cantillana, J.L., García-Siñeriz, J.L. Obis, J. & Pérez, A. (AITEMIN), Alberdi, J., Barcala, J.M., Campos, R., Cuevas, J., Fernández, A.M., Gamero, E., García, M., Gómez, P., Hernández, A., Illera, A., Martín, P.L., Melón, A.M., Mingarro, M., Ortuno, F., Pardillo, J., Pelayo, M., Rivas, P., Rodríguez, V., Turrero, M. J. & Villar, M.V. (CIEMAT), Caballero, E., Jiménez de Cisneros, C. & Linares, J. (CSIC-Zaidín), Martínez, M.A. (SGS Tecnos, S.A.), Samper, J., Delgado, J., Juncosa, R., Molinero, J. (ULC), Alonso, E., Carrera, J., Gens, A., García-Molina, A.J., Guimera, J., Guimaraes, L.do N., Lloret, A. & Martínez, L. (UPC-DIT), Elorza, F.J. & Borregón, J.L. (UPM), Fariña, P. (DM Iberia, S.A.), Farias, J. (Geocontrol, S.A.) were the technical editors of this report under the direction of Huertas F. (Enresa) (1998)a "FEBEX Full-scale Engineered Barriers Experiment in Crystalline Host Rock. Pre-operational Stage Summary Report". Enresa Technical Report 1/98.

Fuentes-Cantillana, J.L., García-Siñeriz, J.L., Franco, J.J., Obis, J. & Pérez A. (AITEMIN), Jullien, F. (Andra), Alberdi J., Barcala, J.M., Campos, R., Cuevas, J., Fernández, A.M., Gamero, E., García, M., Gómez, P., Hernández, A., Illera, A., Martín, P.L., Melón, A.M., Missana, T., Ortuno, F., Pardillo, J., Rivas, P., Turrero, M.J., Villar, M.V., Mingarro, M. & Pelayo, M. (CIEMAT), Caballero, E., Cuadros, J., Huertas, F., Huertas, F.J., Jiménez de Cisneros, C. & Linares J. (CSIC-Zaidín), Bazargan-Sabet, B. & Ghoreychi, M. (G.3S), Jockwer, N. & Wieczorek K. (GRS), Kickmaier, W. & Marschall, P. (Nagra), Martínez, M.A. (SGS Tecnos, S.A.), Carretero, P., Dai, Z., Delgado, J., Juncosa, R., Molinero, J., Ruiz, A., Samper, J. & Vázquez A. (ULC), Alonso, E., Carrera, J., Gens, A., García-Molina, A.J., Guimera, J., Guimaraes, L.do N., Lloret, A., Martínez, L., Olivella, S., Pintado & X., Sánchez M. (UPC-DIT), Elorza, F.J., Borregón, J.L., Canamon, I., Rodriguez, Pons & Esparver, R. (UPM), Fariña, P. (DM Iberia, S.A.), Farias, J. (Geocontrol, S.A.) were the technical editors of this report under the direction of Huertas F. (Enresa) 2000: FEBEX full-scale engineered barriers experiment for a deep geological repository for high level radioactive waste in crystalline host rock Final Report. Enresa Technical Report 1/2000.

García-Siñeriz, J.L., Abós, H., Martínez, V. & De la Rosa C. (AITEMIN), Mäder, U. (University of Bern), Kober, F. (Nagra) (2016): "FEBEX-DP Dismantling of the heater 2 at the FEBEX "in situ" test. Nagra Arbeitsbericht NAB 16-11.

Huertas, F., (Enresa) & Fariñas, P. (DM Iberia S.A.), Farias, J. & García-Siñeriz, J.L. (AITEMIN), Villar, M.V., Fernández, A.M. & Martín, P.L (CIEMAT), Elorza, F.J (UPM), Gens, A., Sánchez, M. & Lloret, A. (UPC-DIT), Samper, J. (UDC) & Martínez, M.A. (SGS Technos S.A.). (2006): "Full-scale Engineered Barriers Experiment. Updated Final Report 1994 – 2004" December 2006. Enresa Technical Report 05-0/2006.

Lanyon, G.W. & Gaus, I. (2013): "Main outcomes and review of the FEBEX In Situ Test (GTS) and Mock-Up after 15 years of operation" Nagra Arbeitsbericht NAB 13-96.

Rey, M., Bárcena, I. & García-Siñeriz J.L. (2015): Full Dismantling Sampling Plan. Rev. 5. AITEMIN May 2015.

Rey, M., Sanz, F-J. & Martínez, V. (AITEMIN) (2016) FEBEXe/FEBEX-DP Post-mortem analysis: sensors. Nagra Arbeitsbericht NAB 16-20.