Resposta oficial:

"No start detection by IR2010" : 2 minutes after the sonde release, IR2010 hasn't detected the sonde ascent : the sonde could be OFF or fallen down beside the robotsonde or the balloon ascent is too slow.

"Valve ejected, sonde switched" : this failure occurs at the beginning of the balloon inflation, if the balloon is not detected by the low balloon sensor. Maybe the valve is ejected, the valve lock is not closed or the electro valve stayes closed. Another sonde is selected for the launch. Aquest error va lligat amb els dos missatges següents: "No balloon at 151 liters" i "Balloon error. Waiting 10 s".

"Balloon disappearance, xxxxxx" : during inflation, the balloon, is no more detected by the balloon sensor. If the balloon burst during inflation, another sonde is selected. During the carrousel rotation, the 1st balloon can appear and desapear. This message is writing in log in both situations.

"Balloon blocked" : after a balloon burst during inflation, the balloon presence prevents the carousel rotation.

"No gas" : no more gas for balloon inflation

"SONDE NOT RECEIVED" : during radiosonde pre launch checking, the selected sonde is not received by the radio receiver and IR2010. The sonde could be OFF.

"Humidity sensor KO" : during radiosonde pre launch checking, the selected sonde humidity sensor is broken.

"Temperature failure": during radiosonde pre launch checking, the selected sonde temperature sensor is broken.

"No GPS" : during radiosonde pre launch checking, the selected sonde GPS is not able to get GPS fix.

"Sonde unknown" : " : during radiosonde pre launch checking, the selected sonde ID doesn't fit with the radiosonde ID loaded on the carrousel.

"Batteries too low" : during radiosonde pre launch checking, the selected sonde batterie is too low.

"No ICAR response" : juste after lanch, ICAR software doesn't answer.

"End before xx hPa" : balloon burst too earlier, below 150hPa. The 1ˢᵗ radiosounding fails for any reason. A relaunch is required.This required pressure is set in the config screen.

"analysis aborted (<2points)" : radiosonde data recorded by the system are too few to be analysed. It could occur when the sonde is lost just after launch

"ROOF BLOCKED" the mobile roof cannot open.

"Inflation failure" : the balloon burst during inflation.

"TOO LATE FOR RELAUNCH" : a relaunch is required because the sounding didn't reach the minimum altitude. But it is too late for relaunch.

"OPERATOR INTERVENTION" : a software screen is left open by the operator which prevent launches.

"NO SONDE AVAILABLE" : no more sonde to launch.

"Balloon blocked" : the balloon stays in the inflation tube at launch. Is could be not inflated enough, or the lock is stayed closed.

"Inflation tube not empty" : something is detected by the balloon sensor in the inflation tube. Probably a balloon not well inflated.

"IR2010 not ready" : radiosounding software IR2010 is not able to communicate with robotsonde software.

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(*)"Sonde stayed ON !!!" (2019.05.05) :
At the end of the caroussel loading, a sonde is still ON. Maybe on the table. This sonde ON could jammed the radio frequency. It is why we added a radio checking before closing the loading form.

(*)"Switch OFF the sonde:" (2019.05.05) :
During a sonde loading, the operator stops the process. This message invites him to switch OFF the sonde. In order to not have sonde ON on the table as mentionned above.

"Message not generated" (2018.07.19) :
The sounding ends too earlier. There is no enougth data to generate messages. This is an ICAR error message.

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(**)"roof opened too slowly" (2019.05.05)
(**)"roof blocked (middle)" (2019.05.05)

Els misatges (*) potser sempre van junts, però només els tenim localitzats una vegada.
Ídem amb (**).