```
PDS_VERSION_ID              = PDS3
LABEL_REVISION_NOTE         = "
B. CARCICH      2006-07-15  Initial version
B. CARCICH      2008-08-25  Updated this revision note
                            Changed INSTRUMENT_HOST_DESC spacing and
                              indentation per PDS Standards Reference
                              recommendations.
SOC:All         2016-10-31  Resolved liens from 2016-05 peer review; added
                            location of SDC to spacecraft graphics; fixed
                            spacecraft graphics.
SOC:All         2017-02-15  Resolved liens from 2016-12 peer review
                            "

RECORD_TYPE                 = STREAM

OBJECT                      = INSTRUMENT_HOST
  INSTRUMENT_HOST_ID        = "NH"

  OBJECT                    = INSTRUMENT_HOST_INFORMATION
    INSTRUMENT_HOST_NAME    = "NEW HORIZONS"
    INSTRUMENT_HOST_TYPE    = "SPACECRAFT"
    INSTRUMENT_HOST_DESC    = "

This description is based on several sources used with the
permission of the New Horizons project, SWRI and JHU/APL:

- Stern & Spencer, New Horizons: The First Reconnaissance Mission to
  Bodies in the Kuiper Belt, 2004 [STERN&SPENCER2004A]

- The New Horizons web page originally at
  http://pluto.jhuapl.edu/


  Overview
  ========
    The New Horizons spacecraft observatory includes propulsion,
    navigation, and communications systems, plus the payload. The
    spacecraft is roughly 2.5 meters across and its mass is 465 kg
    including propellant. Design features include 64 Gbits of redundant
    solid-state data storage, a 290 m/s propulsion budget, and the
    capability to transmit data from 32 AU at almost 1 kilobit/second.

    The instrument payload [Stern & Cheng, 2002, STERN&CHENG2002]
    comprises the two-sensor RALPH Vis-IR remote sensing package, the
    ALICE UV imaging spectrograph, the REX radio/radiometry experiment,
    the two-sensor PEPSSI/SWAP plasma suite, the LORRI long-focal-length
    imager, and the SDC student-built dust counter.


  Payload
  =======
    The New Horizons team selected instruments that not only directly
    measure NASA-specified items of interest (NASA AO 01-OSS-01, 2001,
    [NASAAO2001]), but also provide backup to other instruments on the
    spacecraft should one fail during the mission.

    The payload comprises seven instruments:
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