

CSU ID Card Layout April, 2005



Notes:

- 1) 16-digit "ISO" number owned by CSU. Also coded on tracks 1 and 2 of the magnetic stripe on back of the card (see note 5). Digits 1-6 represent a bank ID code (601717), currently associated with Norlarco Credit Union. Digits 7-16 used to be an AT&T account number, now a database *pointer* to a Norlarco bank account number. Pointers are random numbers generated by Housing and Dining Services (HDS).
- 2) Barcode contains the student or employee Personal Identifier (PID), plus one "lost digit" identifier (used for card replacement). Barcodes are used by Library, Housing & Dining Services (HDS) meal plans, Student Recreation Center, Lory Student Center, Transfort passes, athletic events, Fum McGraw ticket office, Music Dept. (recital attendance), time clocks for multiple departments, and the Individualized Math Program (IMP) in Weber.
- 3) Arrows on lower right no longer used (were junk stripe related)
- 4) Photos are used by IMP, Student Recreation Center, and for general ID purposes. Current photos are stored on HDS server, maintained by the ID office.
- 5) Magnetic stripe with three tracks:
 - a. Track 1 is 210 bits per inch (bpi) and holds up to 79 7-bit characters (including a parity bit). Written locally (by ID office) as B601717xxxxxxxx plus a 9-character constant, where "xxxxxxxx" is the 10-digit pointer to a bank account number. All other characters in this stripe are constant. Track 1 is used by Norlarco, Engineering (for keyless access system), and HDS and Lory Student Center for "convenience dollars" accounts, valid at LSC restaurants or Durell Center.
 - b. Track 2 is an American Banking Association (ABA) format stripe, with a maximum of 40 characters. Written locally as 601717xxxxxxxx plus an 18-character constant, where "xxxxxxxx" is the 10-digit pointer to a bank account number mentioned in note 1, above.
 - c. Track three is used by Student Health Center and Facilities for door access. This is a read-write track, while tracks one and two are read-only.
- 6) "Bugs" – essentially ad space, though not currently generating revenue at CSU
- 7) Junk stripe – high coercivity stripe used for small vending (snacks, laundry, copy machines, etc.). A running account balance is stored on the card – if the card is lost, so is any balance.