

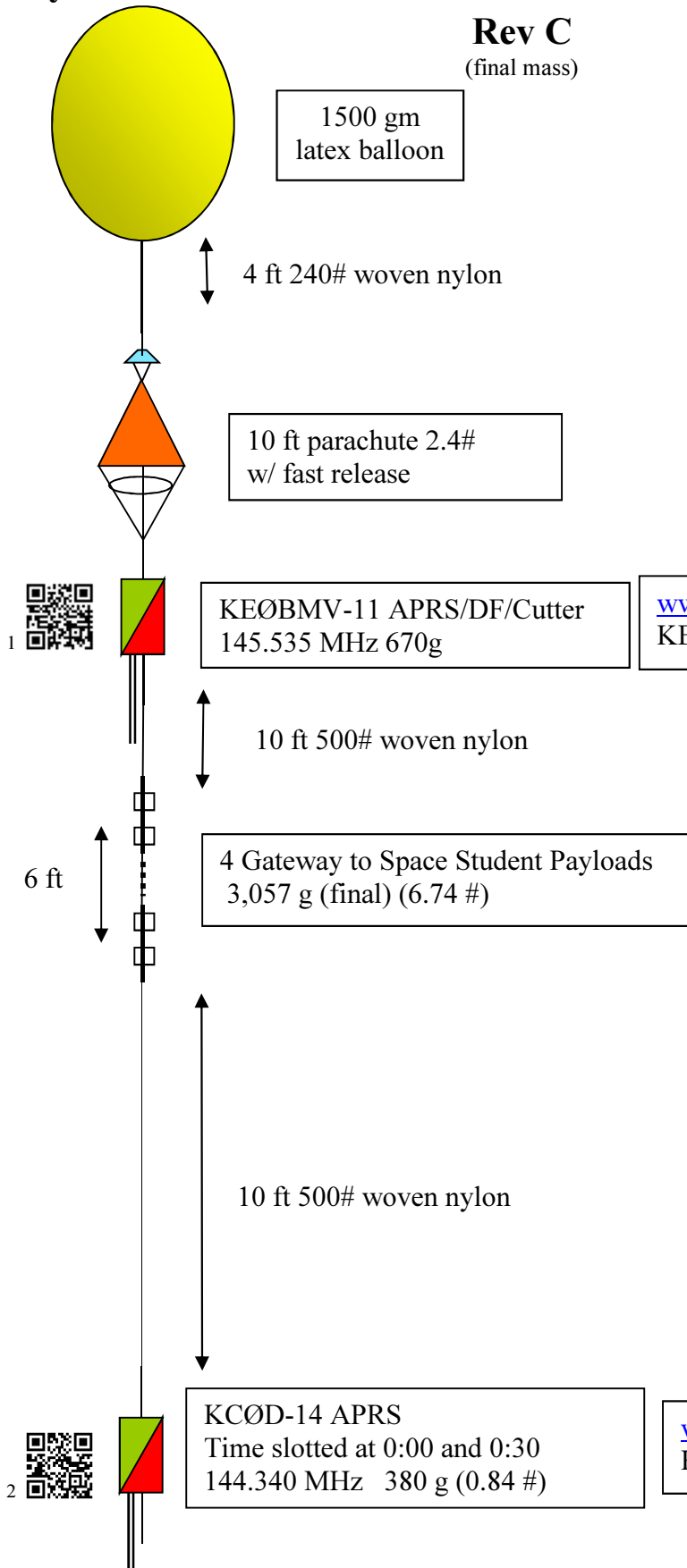
Payload Plan

EOSS-288 Lite

0650 MDT, 14 April 2019

Rev C
(final mass)

Wiggins, CO



1500 gm
latex balloon

4 ft 240# woven nylon

10 ft parachute 2.4#
w/ fast release

KEØBMV-11 APRS/DF/Cutter
145.535 MHz 670g

www.wxqa.com/sss/balon1.cgi
KEØBMV-11 / EOSS-288

4 Gateway to Space Student Payloads
3,057 g (final) (6.74 #)

KCØD-14 APRS
Time slotted at 0:00 and 0:30
144.340 MHz 380 g (0.84 #)

www.wxqa.com/sss/balon1.cgi
KCØD-14 / EOSS-288

Item	Weight pounds	Weight kg
Student Payloads	6.74	3.057
EOSS Payloads	2.31	1.05
Parachute	2.40	1.088
Neck load	11.45	5.195
Balloon	3.31	1.500
Gross Weight	14.76	6.695
Gross Lift Factor	1.25	1.25
Neck Lift	15.14	6.868
H2 fill; scf (approx)	249	
Burst Altitude; kft km	95.9	29.2

¹ www.aprs.fi/ke0bmv-11 (that is a zero)
² www.aprs.fi/kc0d-14 (that is a zero)