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SCANNING THE CHIP'S

HERE'S THE LATEST UPDATE ON THE CALIFORNIA HIGHWAY PATROL SYSTEM

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The California Highway Patrol is not only one of the largest law enforcement agencies in the nation, it is also the most well known. Of all of the mail that comes in to the Popular Communications offices requesting information about law enforcement frequencies, this agency has always been at or near the top of the popularity list.

So, when reader Jan Lowry, of Hollywood, CA, sent us an updated listing of California Highway Patrol stations, we thought it would be something to share with our readers. Jan points out that the listing includes seven channel pairs that were put into service not long ago.

The CHP operates on channel pairs that are known by the names of colors. These are creatively organized from thirty two frequencies lying between 42.08 and 42.92 MHz, although some frequencies do double duty. For instance, 42.16 MHz is the mobile half of the Purple channel, but the base half of the Violet channel. The base side of Purple, which is 42.40 MHz, doubles as the mobile side of the Bronze channel. Frequency 42.60 MHz is the base half of two channels that are matched up with different mobile frequencies.

Frequency 42.36 MHz is allocated, but Jan tells us is held in reserve for future use. Channel Ivory, an old simplex frequency on 45.02 MHz, may possibly be obsolete at this point.

Jan goes on to note that each CHP base operates on a primary channel pair, as indicated in the chart here. Actually, the base is capable of receiving both frequencies in the pair, but it transmits on the base frequency. Cars can transmit on either channel in the pair assigned to the station with which they are affiliated, usually using the mobile channel to mountaintop receivers, and the base frequency for car-to-car and to local stations. Cars can also receive on either channel in their primary pair.

The Blue channel is the common statewide secondary channel for all cars and stations. All units can operate on this channel. Besides the generally high profile

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of the California Highway Patrol, scanner owners from coast to coast often know the agency's communications because they are so often picked up by skip reception because of the frequencies used. Here's an agency you can try to hear, no matter where you are. If the skip is rolling in, you might pick up CHP communications no matter where you are! CHP officers have been heard from coast to coast, thanks to the benefits of skip propagation on their 42 MHz frequencies. To a motorist having a problem on a remote mountain road, a CHP officer is a welcome sight.

CALIFORNIA HIGHWAY PATROL CHANNEL USAGE

Division #1 "Northern"

Alturas/60	Red
Garberville/105	Green
Crescent City/95	Green
Humboldt/16	Green
Lakeport/7	White
Mt. Shasta/52	Purple
Quincy/20	Blue
Red Bluff/36	Red
Redding/37	Red
Susanville/38	Blue
Trinity/90	Red
Ukiah/18	White
Williams/39	Brown
Willows/93	Brown
Yreka/41	Purple

Division #2 "Valley"

Auburn/45	Green
Chico/104	Brown
Gold Run/70	Gray
Grass Valley/42	Green
Jackson/94	White
Lake Valley/13	Grey
Modesto/48	Yellow
Oroville/35	Brown
Placerville/44	Green
Sacramento N./46	Gold
Sacramento S./112	Black
San Andreas/49	White
Sonora/61	Yellow
Stockton/62	White
Tracy/103	Yellow
Truckee/80	Grey

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Woodland/47	Black
Yuba-Sutter/43	Brown

Division #3 "Golden Gate"

Contra Costa/19	Maroon
Fairfield/22	Turquoise
Hayward/25	Aqua
Livermore/118	Blue
Marin-GG Br/34	Violet
Napa/21	Orange
Oakland/96	Bronze
Redwood Cy/91	Amber
San Francisco/32	Pink
San Jose/24	Ruby
Santa Rosa/17	Orange

Division #4 "Central"

Balersfield/69	Brown
Buttonwillow/117	Brown
Coalinga/88	Pink
Fresno/65	Silver
Hanford/68	Pink
Los Banos/30	Orange
Madera/66	Orange
Mariposa/63	Orange
Merced/64	Orange
Porterville/40	Pink
Visalia/67	Pink

Division #5 "Southern"

Antelope Vly/89	Tan
Baldwin Park/81	Orange
Central LA/15	Black
East LA/82	Yellow
Glendale/98	Brown
Newhall/78	Tan
Ontario/84	Orange
Santa Fe Spgs/83	Gold
South LA/77	White
Tejon/102	Tan
West LA/79	Pink

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Malibu/109	Pink
W. Valley/56	Brown

Division #6 "Borders"

Banning/97	Red
Blythe/6	Red
Capistrano/113	Grey
El Cajon/108	Gold
El Centro/85	Blue
Indio/76	Red
Oceanside/92	Gold
Rancho CA/116	Gold
San Diego/87	Orange
Santa Ana/86	Purple
Westminster/55	Grey
Winterhaven/116	Green

Division #7 "Coastal"

Buellton/3	White
Goleta/29	Green
King City/8	Green
Salinas/27	Black
Sn Juan Bautista/23	Green
Sn Luis Obispo/28	White
Santa Cruz/26	Green
Santa Maria/14	White
Templeton/9	White
Ventura/31	Purple

Division #8 "Inland"

Arrowhead/101	Copper
Barstow	White
Bishop/72	Blue
Bridgeport/71	Green
Mojave/59	White
Morongo Basin/106	White
Needles/114	White
Rancho CA/115	Gold
Riverside/74	Green
Sn Bernardino/75	Copper
Victorville/12	White

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CHP Academy

Sacramento

Brown

CALIFORNIA HIGHWAY PATROL CHANNEL PAIRS

Color	Base	Mobile	Color	Base	Mobile
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Amber	42.08	42.82	Orange	42.88	42.66
Aqua	42.62	42.84	Pink	42.44	42.76
Black	42.46	42.70	Purple	42.40	42.16
Blue	42.34	42.18	Red	42.44	42.28
Bronze	42.12	42.40	Ruby	42.50	42.28
Brown	42.50	42.82	Silver	42.08	42.28
Copper	42.60	42.74	Tan	42.42	42.84
Gold	42.12	42.20	Turquoise	42.60	42.14
Green	42.54	42.24	Violet	42.16	42.64
Grey	42.58	42.68	White	42.56	42.72
Ivory	45.02	45.02	Yellow	42.52	42.30
Maroon	42.92	42.74			

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