Card-image column

```
80 ·· R ───── Col. 80 -- Type of rayset*
  ·  3 └───── Col. 78-79 -- Hop number
  · 0
  · ◄
  · 0    └─── Col. 74-79 -- Imaginary part ⎫
  ·                                        ⎬ Wave polarization
70· ◄                                      ⎪
  · 0    └─── Col. 69-73 -- Real part      ⎭
  ·
  · 0
  · ◄
  ·      └─── Col. 63-68 -- Doppler shift, Hz
  · 1
60· 1
  · 7 ◄
  · 1  └──── Col. 57-62 -- Absorption, dB
  · 1
  · 2
  · 1
  · 5
  · 9
  · 2 ◄
50· 0
  · 3
  · 2      └── Col. 47-56 -- Phase time, sec
  · 2
  · 0
  · 0
  · 5
  · 9
40· 2 ◄
  · 0
  · 3
  · 2   └──── Col. 37-46 -- Pulse travel time, sec
  · 3
  · 2
  · 4
  · 9
  · 5 ◄
30· - └───── Col. 31-36 -- Elevation angle of arrival, deg
  · 4
  · 2
  · 0
  · 5
  · - ◄
  · 9   └─── Col. 25-30 -- At ray point ⎫
  · 8                                   ⎪ Azimuth of wave normal, deg clockwise
  · 6 ◄                                 ⎬ from great circle between transmitter
  · 1   └─── Col. 19-24 -- At transmitter ⎭ and ray point
20· 1
  · -
  · 7
  · 3 ◄
  · 6
  · 5
  · 2
  · 4 └──── Col. 10-18 -- Ground range between transmitter and receiver, km
10· 7
  · 9
  · 4 ◄
  · 0
  · 0
  · 5
 1· └──── Col. 1-9 -- Height of ray above sea level, km
```

Figure 2.25. Definitions and format for a receiver rayset. * type of rayset:
G = bottom reflection; M = closest approach to receiver height; R = at
receiver height; S = maximum number of steps; E = extinction; F = exceeded
maximum range; U = exceeded maximum height; D = went below minimum height; A =
ocean-surface reflection; X = bottom absorption; ▲ = implied decimal point.

Page 50, Fig. 2.25: The imaginary part of wave polarization should be in card columns 74-77, and
the implied decimal point should be between card columns 75 and 76. Since 2007, we have $\log_{10}$ of
density in kg/m^3 in columns 81-90 with an implied decimal point between columns 85 and 86.