

Expert Mode  
(18 sectors)



## Research & Conferences

A: Comets  
B: Gas Clouds & Asteroids  
C: Gas Clouds & Comets  
D: Asteroids  
E: Gas Clouds & Dwarf Planets  
F: Asteroids & Dwarf Planets

X1: Planet X & Gas Clouds  
X2: Planet X & Asteroids

At least one asteroid is directly opposite a dwarf planet.

At least one gas cloud is directly opposite a dwarf planet.

Planet X is within 4 sectors of a gas cloud.

Planet X is within 2 sectors  
of an asteroid.

No comet is within 6 sectors of another comet.

Every gas cloud is within 4 sectors of an asteroid.

No gas cloud is adjacent to a comet.

All the asteroids are in a band of 7 sectors or less.

Z5E8





Z5E8

Z5E8







## SPRING EQUINOX





EXPERIENCED (4)

- sector 3  not a dwarf planet  
 sector 5  not an asteroid  
 sector 7  not a gas cloud  
 sector 17  not a gas cloud

BEGINNER (8)

- sector 8  not an asteroid  
 sector 9  not a dwarf planet  
 sector 12  not an asteroid  
 sector 14  not a gas cloud

YOUTH (12)





- sector 2  not a gas cloud  
 sector 4  not a dwarf planet  
 sector 13  not a comet  
 sector 18  not an asteroid

Z5E8







## SUMMER SOLSTICE





EXPERIENCED (4)

- sector 3  not a dwarf planet  
 sector 7  not a gas cloud  
 sector 11  not an asteroid  
 sector 17  not a gas cloud

BEGINNER (8)

- sector 4  not a dwarf planet  
 sector 10  not an asteroid  
 sector 14  not an asteroid  
 sector 16  not a gas cloud

YOUTH (12)





- sector 2  not a comet  
 sector 5  not an asteroid  
 sector 12  not a dwarf planet  
 sector 15  not a gas cloud

Z5E8







## AUTUMN EQUINOX





EXPERIENCED (4)

- sector 2  not a dwarf planet  
 sector 5  not an asteroid  
 sector 11  not a gas cloud  
 sector 17  not a gas cloud

BEGINNER (8)

- sector 8  not a gas cloud  
 sector 9  not a dwarf planet  
 sector 10  not an asteroid  
 sector 18  not an asteroid

YOUTH (12)





- sector 3  not a comet  
 sector 7  not a gas cloud  
 sector 13  not an asteroid  
 sector 16  not a dwarf planet

Z5E8







## WINTER SOLSTICE





EXPERIENCED (4)

- sector 2  not a gas cloud  
 sector 3  not a dwarf planet  
 sector 13  not an asteroid  
 sector 17  not a gas cloud

BEGINNER (8)

- sector 6  not an asteroid  
 sector 12  not an asteroid  
 sector 14  not a gas cloud  
 sector 16  not a dwarf planet

YOUTH (12)

- sector 4  not a dwarf planet  
 sector 5  not a comet  
 sector 7  not an asteroid  
 sector 15  not a gas cloud