

The terrain matrix

ATES class × danger rating × A3 tier → one output, decided per terrain unit before departure

Non-avalanche [0]										Challenging [2]			Complex [3]			Extreme [4]		
A3	TIER	LOW/MOD	CON/HI/EX	Simple [1]		LOW/MOD	CON/HI/EX	Challenging [2]		LOW/MOD	CON/HI/EX	Complex [3]		LOW/MOD	CON/HI/EX	Extreme [4]		CON/HI/EX
Affiliate	0	Allowed	Allowed	Pro 1 ¹ Supervision	Pro 1 ¹ Supervision	Allowed	Pro 1 ¹ Supervision	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed
	1	Allowed	Allowed	Allowed	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult
Pro	2	Allowed	Allowed	Allowed	Allowed	Allowed	Allowed	Pro 2 ³ Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ³ Consult	Pro 2 ³ Consult	Pro 2 ³ Consult	Pro 2 ³ Consult	Pro 2 ³ Consult	Pro 2 ³ Consult	Pro 2 ³ Consult
	3	Allowed	Allowed	Allowed	Allowed	Allowed	Allowed	Allowed	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ² Consult	Pro 2 ³ Consult	Pro 2 ³ Consult	Pro 2 ³ Consult	Pro 2 ³ Consult	Pro 2 ³ Consult	Pro 2 ³ Consult	Pro 2 ³ Consult
	4	Allowed	Allowed	Allowed	Allowed	Allowed	Allowed	Allowed	Peer Pro ³ Consult	Peer Pro ³ Consult	Peer Pro ³ Consult	Allowed	Allowed	Allowed	Peer Pro ² Consult	Peer Pro ² Consult	Peer Pro ² Consult	Peer Pro ² Consult

Table 2. Combined terrain allowance matrix by A3 membership level and certification tier, ATES class, and danger band. LOW/MOD = Low/Moderate danger; CON/HI/EX = Considerable/High/Extreme danger. Corner numerals give the communication type required (Table 4): 1 in person, 2 radio, 3 remote.

TABLE 3 — A3 MEMBERSHIP LEVEL AND QUALIFICATION
TIERS 0-4

Affiliate 2 yr min.	0	Rec L1+ Rescue min.
Pro 4 yr min.	1	Pro 1
	2	Pro 1
	3	Pro 1, 6 season min.
	4	Pro 2

TABLE 4 — COMMUNICATION TYPES

LV	CONTACT	SUPERVISOR
1	In person: line of sight and vocal range	With the group
2	Radio	In the area, can help in person
3	Remote: satellite or end-of-day check-in	Off site



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