Table 1. Some Promising Zeeman Transitions for ALMA

Molecule	Tran.	Freq. (GHz)	Z (Hz μG^{-1})	ALMA Band	% band center
CN	1-0	113.448	2.2	3	12
	2-1	226.332	2.6	6	7
	2-1	226.874	1.2	6	7
SO	2-1	99.299	1.0	3	2
	4-3	158.971	1.0	4	10
	2-1	236.452	1.7	6	3
CCS	3-2	33.751	0.7	1	12
	4-3	45.379	0.6	1	18
SiO (masers)	1-0	43	8.2×10^{-4}	1	13
	2-1	86	??	3 or 2	15 or 9

Priority 1:
Band 3 (86 - 116 GHz)
Band 6 (211 - 275 GHz)

Priority 2:
Band 1 (31 - 45 GHz)
Band 2 (67 - 90 GHz)
Band 4 (125 - 163 GHz)

For reference:
H I Z=2.8 Hz μG^{-1}
OH(1665) Z=1.96 Hz μG^{-1}