Table 17.7 from (1993TI07):
Excited states of ^{17}N from ^{11}B(^{7}Li, p), ^{18}O(d, ^{3}He) and ^{18}O(t, α) [a]

E_x (keV)		l	J^π	C^2S
A	B			
	0	1	$\frac{1}{2}^-$	2.02
1373.7 ± 0.5	1374.1 ± 0.4	1	$\frac{3}{2}^-$	0.38
1850.0 ± 0.5	1849.5 ± 0.3	0	$\frac{1}{2}^+$	0.41 ± 0.14
1906.8 ± 0.4	1906.9 ± 0.5		$\frac{5}{2}^-$	
2526.3 ± 1.0	2525.9 ± 0.6	2	$\frac{5}{2}^+$	0.53 ± 0.17
3128.7 ± 0.6	3129.2 ± 0.6		$\frac{7}{2}^{(-)}$	
3203 ± 2	3204.4 ± 0.9	1	$\frac{3}{2}^-$	0.05
3628.7 ± 0.7			$> \frac{3}{2}$ [d]	
3663 ± 4			$(\frac{1}{2}, \frac{3}{2})^-$	
3906.0 ± 2.0			$\leq \frac{7}{2}$	
4006.4 ± 2.0	4000	(1)	$\frac{3}{2}^{(-)}$	0.04
4208 ± 3			$\leq \frac{5}{2}$	
4415 ± 3			$\leq \frac{7}{2}$	
5170 ± 2	5170	(2)	$\frac{3}{2} \leq J \leq \frac{9}{2}$ [e]	0.08
5195 ± 3			$(\frac{1}{2}, \frac{3}{2}, \frac{5}{2})^+$	
5514 ± 3	$\equiv 5523$	1	$\frac{3}{2}^-$	1.83
5770 ± 3			$\leq \frac{7}{2}$	
6080 ± 30				
6240 ± 25				
6430 ± 30				
6610 ± 25				
6990 ± 20	6990 [c]	1	$\frac{3}{2}^-$ [f]	0.32
7170 ± 40				
7370 ± 40				
	7510	(1)	$(\frac{1}{2}, \frac{3}{2})^-$	0.09
7630 ± 40				
7730 ± 40				
8000 ± 25				
8140 ± 40				

Table 17.7 from (1993TI07):
Excited states of ^{17}N from ^{11}B(^{7}Li, p), ^{18}O(d, ^{3}He) and ^{18}O(t, α) [a] (continued)

E_x (keV)		l	J^π	C^2S
A	B			
8000 ± 25				
8140 ± 40				
8550 ± 40 [b]				
8930 ± 40				
9260 ± 40				
9740 ± 40				
	10140	(1)	$(\frac{1}{2}, \frac{3}{2})^-$	0.5

A: ^{11}B(^{7}Li, p)^{17}N
B: ^{18}O(t, α)^{17}N and ^{18}O(d, ^{3}He)^{17}N

[a] See also Tables 17.4 in (1977AJ02, 1982AJ01) for references and additional information. See also (1981MA14).
[b] This state and the ones below are broad.
[c] Unresolved.
[d] Probably $(\frac{7}{2}, \frac{9}{2})^-$.
[e] Probably $(\frac{7}{2}, \frac{9}{2})^+$.
[f] See (1981MA14) for confirmation of $J^\pi = \frac{3}{2}^-$ for $E_x = 1.37$, 5.51, 6.99 MeV.