

<b>ICE TYPE (ty)</b>	
10	Frazil
11	Shuga
12	Grease
20	Nilas
30	Pancakes
40	Young grey ice, 0.1-0.15 m
50	Young grey-white ice, 0.15-0.3 m
60	First year, 0.3-0.7 m
70	First year, 0.7-1.2 m
80	First year, >1.2 m
85	Multiyear floes
90	Brash
95	Fast ice

<b>FLOE SIZE (f)</b>	
100	Pancakes
200	New sheet ice
300	Brash/broken ice
400	Cake ice, <20 m
500	Small floes, 20-100 m
600	Medium floes, 100-500 m
700	Large floes, 500-2000 m
800	Vast floes, >2000 m

<b>TOPOGRAPHY (t)</b>	
100	Level ice
200	Rafted pancakes
300	Cemented pancakes
400	Finger rafting
5xy	New, unconsolidated ridges (no snow)
6xy	New ridges filled with snow or a snow cover
7xy	Consolidated ridges (no weathering)
8xy	Older, weathered ridges
x values:	
0	0-10% areal coverage
1	10-20%
2	20-30%
3	30-40%
4	40-50%
5	50-60%
6	60-70%
7	70-80%
8	80-90%
9	90-100%
y values:	
1	0.5 m av. sail height
2	1.0 m
3	1.5 m
4	2.0 m
5	3.0 m
6	4.0 m
7	5.0 m

<b>SNOW TYPE (s)</b>	
0	No snow observation
1	No snow, no ice or brash
2	Cold new snow, <1 day old
3	Cold old snow
4	Cold wind-packed snow
5	New melting snow (wet new snow)
6	Old melting snow
7	Glaze
8	Melt slush
9	Melt puddles
10	Saturated snow (waves)
11	Sastrugi

<b>OPEN WATER</b>	
0	No openings
1	Small cracks
2	Very narrow breaks, <50m
3	Narrow breaks, 50-200 m
4	Wide breaks, 200-500 m
5	Very wide breaks, >500 m
6	Lead/coastal lead
7	Polynya/coastal polynya
8	Water broken only by small scattered floes
9	Open sea

<b>ICE CONCn (c)</b>	
to be expressed in tenths	

<b>SEA ICE (z) AND SNOW THICKNESS (sz)</b>	
to be expressed in centimetres	