

| ICE TYPE (ty) | |
|----------------------|-------------------------------------|
| 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 |

| FLOE SIZE (f) | |
|----------------------|----------------------------|
| 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 |

| TOPOGRAPHY (t) | |
|-----------------------|--|
| 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 |

| SNOW TYPE (s) | |
|----------------------|---|
| 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 |
| OPEN WATER | |
| 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 |

| ICE CONCⁿ (c) | |
|---------------------------------|--|
| to be expressed in tenths | |

| SEA ICE (z) AND SNOW THICKNESS (sz) | |
|--|--|
| to be expressed in centimetres | |