

| FEDNAV                      |       | FLEET LIST (long term)    |                 |                  |      |           |        |           |                    |             |         |          |       |                 |               |              | 2022        |       |          |     |
|-----------------------------|-------|---------------------------|-----------------|------------------|------|-----------|--------|-----------|--------------------|-------------|---------|----------|-------|-----------------|---------------|--------------|-------------|-------|----------|-----|
| VESSEL NAME                 | Owned | VESSEL TYPE               | SHIP BUILDERS   | FLAG             | YEAR | ICE CLASS | SDWT   | DRAFT (M) | LAKES DWAT (8.08m) | GRAIN (CBF) | LOA (M) | BEAM (M) | HOLDS | CO <sub>2</sub> | ABG (kg/hour) | Bow Thruster | GEAR (#M/T) | Owned | Operated | AGE |
| <b>ARCTIC VESSELS</b>       |       |                           |                 |                  |      |           |        |           |                    |             |         |          |       |                 |               |              |             |       |          |     |
| ARVIK I                     | ✓     | Ice Breaking Bulk Carrier | JMU, Jp         | Canada           | 2021 | PC4       | 30,323 | 11.71     | --                 | 1,067,000   | 188.80  | 26.60    | 5     | ✓               | -             | -            | 1x65&2x30   | 1     | 1        | 1   |
| NUNAVIK                     | ✓     | Ice Breaking Bulk Carrier | Universal, Jp   | Marshall Islands | 2014 | PC4       | 31,754 | 11.71     | --                 | 1,067,241   | 188.83  | 26.60    | 5     | ✓               | ✓             | -            | 1x50&2x30   | 1     | 1        | 8   |
| UMIAK I                     | ✓     | Ice Breaking Bulk Carrier | Universal, Jp   | Canada           | 2006 | PC4       | 31,992 | 11.75     | --                 | 1,067,276   | 188.80  | 26.60    | 5     | ✓               | -             | -            | 1x50&2x30   | 1     | 1        | 16  |
|                             |       |                           |                 |                  |      |           |        |           |                    |             |         |          |       |                 |               |              |             | 3     | 3        | 8   |
| <b>HANDYSIZE LAKERS</b>     |       |                           |                 |                  |      |           |        |           |                    |             |         |          |       |                 |               |              |             |       |          |     |
| FEDERAL ALSTER              | -     | Box-Handysize Laker       | New Century, Cn | Marshall Islands | 2016 | 1C        | 36,583 | 11.25     | 21,388             | 1,506,948   | 199.80  | 23.70    | 6     | ✓               | ✓             | ✓            | 4x36        | -     | 1        | 6   |
| FEDERAL ASAHI               | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2000 | 1C        | 36,563 | 10.75     | 24,300             | 1,556,813   | 199.99  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 22  |
| FEDERAL BALTIC              | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2015 | 1C        | 34,564 | 10.86     | 21,950             | 1,470,892   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 7   |
| FEDERAL BARENTS             | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2015 | 1C        | 34,564 | 10.86     | 21,950             | 1,470,892   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 7   |
| FEDERAL BEAUFORT            | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2015 | 1C        | 34,564 | 10.86     | 21,950             | 1,470,892   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 7   |
| FEDERAL BERING              | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2015 | 1C        | 34,564 | 10.86     | 21,950             | 1,470,892   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 7   |
| FEDERAL BISCAY              | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2015 | 1C        | 34,564 | 10.86     | 21,950             | 1,470,892   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 7   |
| FEDERAL BRISTOL             | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2015 | 1C        | 34,564 | 10.86     | 21,950             | 1,470,892   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 7   |
| FEDERAL CARIBOU             | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2016 | 1C        | 34,564 | 10.86     | 21,950             | 1,470,892   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 6   |
| FEDERAL CEDAR               | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2016 | 1C        | 34,564 | 10.86     | 21,950             | 1,470,892   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 6   |
| FEDERAL CHAMPLAIN           | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2016 | 1C        | 34,564 | 10.86     | 21,950             | 1,470,892   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 6   |
| FEDERAL CHURCHILL           | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2016 | 1C        | 34,564 | 10.83     | 21,950             | 1,470,890   | 199.90  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 6   |
| FEDERAL CLYDE               | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2016 | 1C        | 34,564 | 10.83     | 21,950             | 1,470,890   | 199.90  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 6   |
| FEDERAL COLUMBIA            | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2016 | 1C        | 34,564 | 10.83     | 21,950             | 1,470,890   | 199.90  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 6   |
| FEDERAL DART                | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2018 | 1C        | 34,500 | 10.83     | 21,950             | 1,470,890   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 4   |
| FEDERAL DEE                 | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2018 | 1C        | 34,500 | 10.83     | 21,950             | 1,470,890   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 4   |
| FEDERAL DELTA               | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2018 | 1C        | 34,500 | 10.83     | 21,950             | 1,470,890   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 4   |
| FEDERAL EMS                 | ✓     | Box-Handysize Laker       | New Century, Cn | Marshall Islands | 2002 | 1C        | 37,038 | 11.27     | 22,200             | 1,510,709   | 199.90  | 23.70    | 6     | ✓               | ✓             | ✓            | 4x40        | 1     | 1        | 20  |
| FEDERAL FRANKLIN            | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2021 | 1C        | 34,492 | 10.86     | 21,619             | 1,470,890   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 1   |
| FEDERAL FRASER              | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2021 | 1C        | 34,492 | 10.86     | 21,619             | 1,470,890   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 1   |
| FEDERAL FREDOM              | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2021 | 1C        | 34,492 | 10.86     | 21,619             | 1,470,890   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 1   |
| FEDERAL FRONTIER            | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2021 | 1C        | 34,492 | 10.83     | 21,619             | 1,470,890   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 1   |
| FEDERAL HUDSON              | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2000 | 1C        | 36,563 | 10.75     | 24,300             | 1,556,794   | 199.99  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 22  |
| FEDERAL HUNTER              | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2001 | 1C        | 36,563 | 10.75     | 24,300             | 1,556,794   | 199.99  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 21  |
| FEDERAL KATSURA             | ✓     | Handysize Laker           | SKDY, Jp        | Marshall Islands | 2005 | 1D        | 32,594 | 10.67     | 21,300             | 1,430,805   | 190.44  | 23.60    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 17  |
| FEDERAL KIVALINA            | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2000 | 1C        | 36,563 | 10.75     | 24,300             | 1,556,794   | 199.99  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 22  |
| FEDERAL KUMANO              | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2003 | 1C        | 36,489 | 10.75     | 24,240             | 1,556,813   | 199.99  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 19  |
| FEDERAL KUSHIRO             | ✓     | Handysize Laker           | SKDY, Jp        | Marshall Islands | 2004 | --        | 32,762 | 10.67     | 21,880             | 1,430,805   | 190.43  | 23.60    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 18  |
| FEDERAL LEDA                | ✓     | Box-Handysize Laker       | New Century, Cn | Marshall Islands | 2003 | 1C        | 37,038 | 11.27     | 22,200             | 1,510,709   | 199.90  | 23.70    | 6     | ✓               | ✓             | ✓            | 4x40        | 1     | 1        | 19  |
| FEDERAL MAYUMI              | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2012 | 1C        | 35,885 | 10.84     | 23,330             | 1,538,344   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30.5      | 1     | 1        | 10  |
| FEDERAL MONTREAL            | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2019 | 1C        | 34,500 | 10.83     | 21,950             | 1,470,890   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 3   |
| FEDERAL MOSEL               | -     | Box-Handysize Laker       | New Century, Cn | Marshall Islands | 2017 | 1C        | 36,575 | 11.25     | 21,388             | 1,506,948   | 199.80  | 23.70    | 6     | ✓               | ✓             | ✓            | 4x36        | -     | 1        | 5   |
| FEDERAL NAGARA              | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2018 | 1C        | 34,500 | 10.83     | 21,950             | 1,470,890   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 4   |
| FEDERAL NAKAGAWA            | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2005 | 1C        | 36,489 | 10.75     | 24,240             | 1,556,756   | 199.99  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 17  |
| FEDERAL OSHIMA              | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 1999 | 1C        | 36,563 | 10.75     | 24,300             | 1,556,794   | 199.99  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 23  |
| FEDERAL RIDEAU              | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2000 | 1C        | 36,563 | 10.75     | 24,300             | 1,556,794   | 199.99  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 22  |
| FEDERAL RUHR                | -     | Box-Handysize Laker       | New Century, Cn | Marshall Islands | 2017 | 1C        | 36,574 | 11.25     | 21,379             | 1,506,948   | 199.80  | 23.70    | 6     | ✓               | ✓             | ✓            | 4x36        | -     | 1        | 5   |
| FEDERAL SAKURA              | ✓     | Handysize Laker           | SKDY, Jp        | Marshall Islands | 2005 | 1D        | 32,583 | 10.67     | 21,300             | 1,430,805   | 190.44  | 23.60    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 17  |
| FEDERAL SATSUKI             | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2012 | 1C        | 35,885 | 10.84     | 23,330             | 1,538,344   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30.5      | 1     | 1        | 10  |
| FEDERAL SETO                | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2004 | 1C        | 36,489 | 10.75     | 24,240             | 1,556,756   | 199.99  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 18  |
| FEDERAL SHIMANTO            | ✓     | Handysize Laker           | SKDY, Jp        | Marshall Islands | 2001 | --        | 32,787 | 10.67     | 21,820             | 1,430,805   | 190.43  | 23.60    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 21  |
| FEDERAL ST LAURENT          | ✓     | Box-Handysize Laker       | Oshima, Jp      | Marshall Islands | 2019 | 1C        | 34,500 | 10.83     | 21,950             | 1,470,890   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x35        | 1     | 1        | 3   |
| FEDERAL WELLAND             | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2000 | 1C        | 36,563 | 10.75     | 24,300             | 1,556,794   | 199.99  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 22  |
| FEDERAL WESER               | ✓     | Box-Handysize Laker       | New Century, Cn | Marshall Islands | 2002 | 1C        | 37,038 | 11.27     | 22,200             | 1,510,709   | 199.90  | 23.76    | 6     | ✓               | ✓             | ✓            | 4x40        | 1     | 1        | 20  |
| FEDERAL YOSHINO             | ✓     | Handysize Laker           | SKDY, Jp        | Marshall Islands | 2001 | --        | 32,845 | 10.67     | 21,880             | 1,430,805   | 190.43  | 23.60    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 21  |
| FEDERAL YUKINA              | -     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2010 | 1C        | 35,868 | 10.84     | 23,315             | 1,538,096   | 199.98  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30.5      | -     | 1        | 12  |
| FEDERAL YUKON               | ✓     | Handysize Laker           | Oshima, Jp      | Marshall Islands | 2000 | 1C        | 36,563 | 10.75     | 24,300             | 1,556,794   | 199.99  | 23.76    | 6     | ✓               | ✓             | ✓            | 3x30        | 1     | 1        | 22  |
|                             |       |                           |                 |                  |      |           |        |           |                    |             |         |          |       |                 |               |              |             | 43    | 47       | 11  |
| <b>HANDYSIZE NON-LAKERS</b> |       |                           |                 |                  |      |           |        |           |                    |             |         |          |       |                 |               |              |             |       |          |     |
| FEDERAL KIBUNE              | -     | Box-Handysize             | Onomichi, Jp    | Panama           | 2012 | 1C        | 36,824 | 10.86     | --                 | 1,617,085   | 177.80  | 28.60    | 5     | ✓               | ✓             | ✓            | 4x30        | -     | 1        | 10  |
| FEDERAL SABLE               | ✓     | Handysize                 | Ouhua, Cn       | Marshall Islands | 2012 | 1C        | 37,140 | 10.52     | --                 | 1,728,977   | 189.99  | 28.31    | 5     | ✓               | ✓             | ✓            | 4x30        | 1     | 1        | 10  |
| FEDERAL SEVERN              | ✓     | Handysize                 | Ouhua, Cn       | Marshall Islands | 2012 | 1C        | 37,140 | 10.52     | --                 | 1,728,977   | 189.99  | 28.31    | 5     | ✓               | ✓             | ✓            | 4x30        | 1     | 1        | 10  |
| FEDERAL SKEENA              | ✓     | Handysize                 | Ouhua, Cn       | Marshall Islands | 2012 | 1C        | 37,140 | 10.52     | --                 | 1,728,977   | 189.99  | 28.31    | 5     | ✓               | ✓             | ✓            | 4x30        | 1     | 1        | 10  |
| FEDERAL SKYE                | ✓     | Handysize                 | Ouhua, Cn       | Marshall Islands | 2012 | 1C        | 37,140 | 10.52     | --                 | 1,728,977   | 189.99  | 28.31    | 5     | ✓               | ✓             | ✓            | 4x30        | 1     | 1        | 10  |
| FEDERAL SPEY                | ✓     | Handysize                 | Ouhua, Cn       | Marshall Islands | 2012 | 1C        | 37,140 | 10.52     | --                 | 1,728,977   | 189.99  | 28.31    | 5     | ✓               | ✓             | ✓            | 4x30        | 1     | 1        | 10  |
| FEDERAL SPRUCE              | ✓     | Handysize                 | Ouhua, Cn       | Marshall Islands | 2012 | 1C        | 37,140 | 10.52     | --                 | 1,728,977   | 189.99  | 28.31    | 5     | ✓               | ✓             | ✓            | 4x30        | 1     | 1        | 10  |
| FEDERAL SUTTON              | ✓     | Handysize                 | Ouhua, Cn       | Marshall Islands | 2012 | 1C        | 37,140 | 10.52     | --                 | 1,728,977   | 189.99  | 28.31    | 5     | ✓               | ✓             | ✓            | 4x30        | 1     | 1        | 10  |
| FEDERAL SWIFT               | ✓     | Handysize                 | Ouhua, Cn       | Marshall Islands | 2012 | 1C        | 37     |           |                    |             |         |          |       |                 |               |              |             |       |          |     |