**Large–scale oil spills and flag–use within the global tanker fleet**

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**APPENDIX 1**

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| **Table S1** Oil tankers involved in the 100 largest recorded accidental oil spill incidents involving tankers since 1967 (*n =* 104). FoNC = flag of non–compliance; FoPC = flag of partial compliance; and FoI = flag of integrity. | | | | | | | | |
| *Quantity spilt (tonnes)* | *Fatalities* | *Date of incident* | *Country of incident* | *Ship name* | *Built* | *Deadweight (tonnes)* | *Flag* | *Flag type* |
| 287 000 | 29 | 19/07/1979 | Lesser Antilles | ATLANTIC EMPRESS | 1974 | 297 361 | Greece | FoNC |
| 260 000 | 5 | 28/05/1991 | Atlantic Ocean | ABT SUMMER | 1974 | 267 801 | Liberia | FoI |
| 252 000 | 3 | 06/08/1983 | South Africa | CASTILLO DE BELLVER | 1978 | 271 540 | Spain | FoPC |
| 223 000 | 0 | 16/03/1978 | France | AMOCO CADIZ | 1974 | 237 439 | Liberia | FoI |
| 144 000 | 5 | 11/04/1991 | Italy | HAVEN | 1973 | 232 164 | Cyprus | FoNC |
| 132 000 | 27 | 10/11/1988 | Canada | ODYSSEY | 1971 | 138 392 | Liberia | FoI |
| 119 000 | 1 | 18/03/1967 | United Kingdom | TORREY CANYON | 1959 | 120 182 | Liberia | FoI |
| 115 000 | 12 | 19/12/1972 | Oman | SEA STAR | 1968 | 122 230 | South Korea (Republic of Korea) | FoI |
| 100 000 | 2 | 23/02/1980 | Greece | IRENES SERENADE | 1965 | 105 460 | Greece | FoNC |
| 100 000 | 1 | 12/05/1976 | Spain | URQUIOLA | 1973 | 106 476 | Spain | FoPC |
| 95 000 | 1 | 23/02/1977 | United States of America | HAWAIIAN PATRIOT | 1965 | 102 632 | Liberia | FoI |
| 94 000 | 42 | 15/11/1979 | Turkey | INDEPENDENTA | 1978 | 152 408 | Romania | FoNC |
| 88 000 | 6 | 29/01/1975 | Portugal | JAKOB MAERSK | 1966 | 89 412 | Denmark | FoI |
| 85 000 | 0 | 05/01/1993 | United Kingdom | BRAER | 1975 | 89 730 | Liberia | FoI |
| 80 000 | 0 | 18/12/1989 | Morocco | KHARK 5 | 1975 | 284 632 | Iran | FoNC |
| 74 000 | 0 | 03/12/1992 | Spain | AEGEAN SEA | 1973 | 114 036 | Greece | FoNC |
| 72 000 | 0 | 15/02/1996 | United Kingdom | SEA EMPRESS | 1993 | 144 165 | Liberia | FoI |
| 70 000 | 0 | 06/12/1985 | Iran | NOVA | 1975 | 239 435 | Norway | FoI |
| 67 000 | 0 | 16/04/1992 | Mozambique | KATINA P | 1966 | 69 992 | Malta | FoNC |
| 63 000 | 0 | 13/11/2002 | Spain | PRESTIGE | 1976 | 81 564 | Bahamas | FoPC |
| 61 000 | 0 | 20/03/1970 | Sweden | OTELLO | 1969 | 4225 | Greece | FoNC |
| 60 000 | 0 | 13/05/1975 | Lesser Antilles | EPIC COLOCOTRONIS | 1965 | 65 673 | Greece | FoNC |
| 53 000 | 24 | 31/01/1975 | United States of America | CORINTHOS | 1963 | 54 988 | Liberia | FoI |
| 53 000 | 0 | 07/01/1983 | Oman | ASSIMI | 1964 | 59 032 | Greece | FoNC |
| 50 000 | 0 | 09/08/1974 | Chile | METULA | 1968 | 210 035 | Netherlands Antilles (dissolved in 2010) | FoPC |
| 50 000 | 30 | 31/12/1978 | Spain | ANDROS PATRIA | 1970 | 222 173 | Greece | FoNC |
| 48 000 | 25 | 13/06/1968 | South Africa | WORLD GLORY | 1954 | 47 179 | Liberia | FoI |
| 46 000 | 0 | 09/12/1983 | Qatar | PERICLES G. C. | 1967 | 60 044 | Greece | FoNC |
| 44 000 | 0 | 13/01/1975 | Unknown | BRITISH AMBASSADOR | 1958 | 45 672 | United Kingdom | FoI |
| 42 000 | 0 | 01/06/1970 | Indian Ocean Islands | ENNERDALE | 1964 | 49 998 | United Kingdom | FoI |
| 40 000 | 11 | 29/02/1968 | United States of America | MANDOIL II | 1958 | 42 074 | Liberia | FoI |
| 40 000 | 0 | 27/02/1971 | South Africa | WAFRA | 1956 | 50 560 | Liberia | FoI |
| 40 000 | 0 | 28/12/1980 | Algeria | JUAN A. LAVALLEJA | 1975 | 131 664 | Greece | FoNC |
| 37 000 | 0 | 11/06/1972 | Greece | TRADER | 1957 | 34 545 | Greece | FoNC |
| 37 000 | 16 | 21/10/1994 | Philippines | THANASSIS A | 1976 | 38 877 | Malta | FoNC |
| 37 000 | 0 | 24/03/1989 | United States of America | EXXON VALDEZ | 1986 | 213 855 | United States of America | FoI |
| 36 000 | 32 | 01/11/1979 | United States of America | BURMAH AGATE | 1963 | 62 663 | Liberia | FoI |
| 35 000 | 0 | 09/06/1973 | Chile | NAPIER | 1957 | 39 180 | Liberia | FoI |
| 35 000 | 0 | 03/03/1970 | Australia | OCEANIC GRANDEUR | 1965 | 61 171 | Liberia | FoI |
| 34 000 | 3 | 18/01/1977 | Pacific Islands | IRENES CHALLENGE | 1955 | 33 253 | Liberia | FoI |
| 33 000 | 0 | 04/02/1976 | Colombia | ST. PETER | 1957 | 35 280 | Liberia | FoI |
| 33 000 | 21 | 26/12/1970 | Bermuda | CHRYSSI | 1953 | 31 717 | Panama | FoNC |
| 33 000 | 42 | 13/03/1994 | Turkey | NASSIA | 1976 | 132 517 | Cyprus | FoNC |
| 32 000 | 31 | 27/03/1971 | United States of America | TEXACO OKLAHOMA | 1958 | 35 635 | United States of America | FoI |
| 32 000 | 2 | 28/01/1972 | Bermuda | GOLDEN DRAKE | 1950 | 32 225 | Liberia | FoI |
| 32 000 | 0 | 18/02/1976 | Mexico | SCORPIO | 1957 | 42 813 | Greece | FoNC |
| 32 000 | 0 | 25/04/1976 | Algeria | ELLEN CONWAY | 1961 | 48 330 | Liberia | FoI |
| 32 000 | 0 | 28/04/1979 | France | GINO | 1969 | 50 327 | Liberia | FoI |
| 32 000 | 4 | 16/08/1979 | Angola | IOANNIS ANGELICOUSSIS | 1964 | 68 106 | Greece | FoNC |
| 32 000 | 0 | 19/01/1978 | Iran | JAPAN GALANTHUS | 1970 | 208 902 | Japan | FoI |
| 31 000 | 36 | 05/11/1969 | USA | KEO | 1949 | 30 487 | Liberia | FoI |
| 31 000 | 29 | 21/04/1988 | Canada | ATHENIAN VENTURE | 1975 | 31 016 | Cyprus | FoNC |
| 30 000 | 43 | 08/01/1979 | Irish Republic | BETELGEUSE | 1968 | 123 378 | France | FoI |
| 30 000 | 0 | 27/07/2003 | Pakistan | TASMAN SPIRIT | 1979 | 87 584 | Malta | FoNC |
| 30 000 | 2 | 16/12/1977 | South Africa | VENOIL | 1973 | 330 954 | Liberia | FoI |
| 29 000 | 3 | 25/11/1969 | Chinese Taipei (Taiwan) | PACOCEAN | 1949 | 30 498 | Liberia | FoI |
| 29 000 | 36 | 28/07/1976 | India | CRETAN STAR | 1955 | 30 372 | Liberia | FoI |
| 29 000 | 0 | 15/10/1997 | Singapore | EVOIKOS | 1977 | 140 218 | Cyprus | FoNC |
| 28 000 | 0 | 15/12/1976 | United States of America | ARGO MERCHANT | 1953 | 29 151 | Liberia | FoI |
| 28 000 | 38 | 30/12/1976 | Canada | GRAND ZENITH | 1953 | 32 480 | Panama | FoNC |
| 28 000 | 0 | 27/05/1977 | El Salvador | CARIBBEAN SEA | 1958 | 31 153 | Panama | FoNC |
| 25 000 | 0 | 24/07/1971 | Unknown | ALKIS | 1955 | 20 047 | Liberia | FoI |
| 25 000 | 0 | 29/12/1989 | Portugal | ARAGON | 1976 | 238 959 | Spain | FoPC |
| 25 000 | 0 | 21/01/1993 | Indonesia | MAERSK NAVIGATOR | 1989 | 255 028 | Singapore | FoI |
| 23 000 | 0 | 13/11/1990 | Canada | BERGE BROKER | 1977 | 357 345 | Norwegian International Ship Register (Nis) (NO) | FoI |
| 23 000 | 10 | 24/01/1994 | Philippines | COSMAS A | 1974 | 27 643 | Malta | FoNC |
| 22 000 | 0 | 03/03/1968 | Puerto Rico | OCEAN EAGLE | 1953 | 18 821 | Liberia | FoI |
| 22 000 | 0 | 14/01/1970 | Portugal | ALBACRUZ | 1954 | 20 693 | Liberia | FoI |
| 22 000 | 72 | 11/05/1972 | Argentina | TIEN CHEE | 1955 | 19 051 | Liberia | FoI |
| 22 000 | 0 | 19/02/1973 | Bermuda | NELSON | 1957 | 21 073 | Cyprus | FoNC |
| 22 000 | 9 | 22/07/1974 | Italy | THEODOROS V | 1954 | 20 908 | Greece | FoNC |
| 22 000 | 0 | 12/01/1975 | South Africa | MASTER STATHIOS | 1960 | 20 564 | Greece | FoNC |
| 22 000 | 1 | 04/04/1975 | United States of America | SPARTAN LADY | 1955 | 21 056 | Liberia | FoI |
| 22 000 | 0 | 16/02/1976 | Hong Kong | NANYANG | 1957 | 20 321 | Somalia | Not listed |
| 22 000 | Unknown | 27/01/1978 | Unknown | IKUYO MARU | 1972 | 253 984 | Unknown | No flag |
| 22 000 | 0 | 08/06/1980 | Unknown | ZAVETY ILYICHA | 1970 | 19 986 | Union of Soviet Socialist Republics (USSR) (dissolved in 1991) | FoNC |
| 21 000 | 0 | 25/10/1967 | Unknown | GIORGIO FASSIO | 1954 | 19 734 | Italy | FoPC |
| 21 000 | 5 | 01/11/1968 | Spain | SPYROS LEMOS | 1953 | 20 418 | Liberia | FoI |
| 20 000 | 4 | 06/05/1968 | Argentina | FRAY LUIS BELTRAN | 1952 | 19 395 | Argentina | Not listed |
| 20 000 | 7 | 05/01/1970 | Unknown | SOFIA P | 1954 | 18 919 | Liberia | FoI |
| 20 000 | 14 | 17/04/1970 | South Africa | SILVER OCEAN | 1950 | 18 594 | Liberia | FoI |
| 20 000 | 0 | 12/12/1999 | France | ERIKA | 1975 | 37 283 | Malta | FoNC |
| 19 000 | 0 | 01/04/1972 | Cape Verde | GIUSEPPE GIULIETTI | 1954 | 27 241 | Italy | FoPC |
| 19 000 | 4 | 17/06/1973 | India | COSMOS PIONEER | 1951 | 13 798 | India | FoPC |
| 19 000 | 6 | 26/12/1970 | United States of America | RAGNY | 1951 | 17 588 | Finland | FoI |
| 18 000 | 0 | 07/10/1970 | Unknown | ANASTASIA J. L. | 1952 | 18 797 | Greece | FoNC |
| 18 000 | 2 | 02/09/1971 | Unknown | AARON | 1951 | 16 470 | Panama | FoNC |
| 18 000 | 6 | 29/03/1981 | Spain | KAVO KAMBANOS | 1956 | 21 418 | Greece | FoNC |
| 18 000 | 0 | 21/07/1991 | Australia | KIRKI | 1969 | 97 083 | Greece | FoNC |
| 18 000 | 0 | 31/01/1970 | Unknown | GEZINA BROVIG | 1951 | 16 612 | Norway | FoI |
| 18 000 | 1 | 02/01/1997 | Japan | NAKHODKA | 1970 | 20 471 | Russia (Russian Federation) | FoNC |
| 17 000 | 0 | 08/05/1968 | Namibia | ANDRON | 1953 | 16 480 | Greece | FoNC |
| 17 000 | 0 | 02/03/1968 | Algeria | EASTLAND TRADER | 1948 | 14 225 | Panama | FoNC |
| 16 000 | 0 | 29/04/1968 | Unknown | ESSO ESSEN | 1960 | 50 907 | West Germany (reunification with East Germany in 1990) | FoI |
| 16 000 | 0 | 14/07/1970 | United Arab Emirates | WARWICK TRADER | 1955 | 17 496 | Liberia | FoI |
| 16 000 | 0 | 05/12/1974 | Oman | CHERRY VINSTRA | 1956 | 21 220 | Singapore | FoI |
| 16 000 | 0 | 13/07/1975 | Australia | PRINCESS ANNE–MARIE | 1964 | 69 636 | Greece | FoNC |
| 16 000 | 0 | 04/10/1976 | United States of America | LSCO PETROCHEM | 1953 | 19 347 | Philippines | FoPC |
| 16 000 | Unknown | 01/01/1977 | Greece | AL DAMMAM I | 1971 | 25 001 | Italy | FoPC |
| 16 000 | 0 | 07/02/1977 | Chinese Taipei (Taiwan) | BORAG | 1958 | 35 918 | Liberia | FoI |
| 16 000 | 0 | 05/10/1979 | Venezuela | CYS DIGNITY | 1975 | 89 935 | Liberia | FoI |
| 16 000 | 0 | 27/10/1979 | Brazil | GUNVOR MAERSK | 1973 | 32 004 | Norwegian International Ship Register (Nis) (NO) | FoI |
| 16 000 | 0 | 22/11/1981 | Russia | GLOBE ASIMI | 1960 | 19 945 | Gibraltar | Not listed |
| 16 000 | 0 | 30/03/1994 | United Arab Emirates | SEKI | 1993 | 293 239 | Panama | FoNC |

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| **Table S2** List of flag states that are either on the US Coast Guard’s Annual Targeted Flag List with 2 or 7 points (see USCG 2012 for an explanation of the points system) or, following the Paris and Tokyo MoU’s calculations for ‘White, Grey and Black List’ designation, qualified as white, grey or black listed flag states (see Paris PSC MoU 2012 for an explanation of the calculations applied) when the most recent inspections data (from 2010–2012) from any of seven regional port state MoU were considered. Only flag states that currently have oil tankers listed on their register as indicated by the Sea–web database, are included in this list. Where listing designations are absent, flags have not been encountered the minimum number of times (30 inspections) to allow for designation on a targeted flag list. | | | | | | | | | |
| **Flags of non–compliance (FoNCs)** | | | | | | | | | |
| *Flag* | *US Coast Guard 2010–2012* | *Paris 2010–2012* | *Tokyo 2010–2012* | *Vina del Mar 2010–2012* | *Indian Ocean 2010–2012* | *Black Sea 2010–2012* | *Caribbean 2010–2012* | *Abuja 2010–2012* | *National ownership (%)* |
| Bangladesh | N/A | N/A | Black | N/A | Black | N/A | N/A | N/A | 100.00 |
| Belize | N/A | Grey | Black | Grey | N/A | White | N/A | Grey | 6.90 |
| Bolivia | 7 points | Black | N/A | Grey | N/A | N/A | N/A | N/A | 0.00 |
| Cambodia | N/A | Black | Black | N/A | N/A | Black | N/A | N/A | 0.00 |
| Comoros | N/A | Black | N/A | N/A | Black | Black | N/A | Grey | 0.00 |
| Cyprus | 2 points | White | White | White | Black | White | White | White | 23.40 |
| Dominica | 7 points | Black | Grey | N/A | N/A | Grey | N/A | N/A | 0.00 |
| Egypt | 7 points | Grey | Grey | N/A | N/A | N/A | N/A | N/A | 82.14 |
| Honduras | 7 points | Black | N/A | Grey | N/A | N/A | N/A | N/A | 27.69 |
| Indonesia | N/A | N/A | Black | N/A | Black | N/A | N/A | N/A | 91.52 |
| Kiribati | N/A | N/A | Black | N/A | N/A | N/A | N/A | N/A | 0.00 |
| Korea, North | N/A | N/A | Black | N/A | Black | N/A | N/A | N/A | 92.86 |
| Korea, South | N/A | White | White | White | Black | Grey | N/A | N/A | 93.65 |
| Lebanon | N/A | Black | N/A | Grey | N/A | Grey | N/A | N/A | 100.00 |
| Libya | N/A | Black | N/A | N/A | N/A | N/A | N/A | N/A | 93.33 |
| Malaysia | N/A | Grey | White | N/A | Black | N/A | N/A | N/A | 87.41 |
| Mexico | 7 points | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 78.95 |
| Moldova, Republic of | N/A | Black | N/A | N/A | N/A | Black | N/A | N/A | 0.00 |
| Mongolia | N/A | N/A | Black | N/A | N/A | N/A | N/A | N/A | 0.00 |
| New Zealand | 7 points | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 0.00 |
| Panama | 2 points | White | White | White | Black | White | White | White | 7.74 |
| Papua New Guinea | N/A | N/A | Black | N/A | Black | N/A | N/A | N/A | 100.00 |
| Peru | 7 points | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 63.64 |
| Saint Kitts and Nevis | N/A | Black | Black | N/A | Black | Grey | N/A | N/A | 0.00 |
| Saint Vincent and the Grenadines | 7 points | Grey | White | Grey | Black | White | Grey | White | 0.00 |
| Sierra Leone | 7 points | Black | Black | N/A | Black | Black | N/A | N/A | 2.38 |
| Tanzania | N/A | Black | Black | N/A | Black | Black | N/A | N/A | 35.71 |
| Tanzania (Zanzibar) | N/A | Black | Black | N/A | Black | Black | N/A | N/A | 0.00 |
| Thailand | N/A | White | Black | Grey | Grey | N/A | N/A | N/A | 99.50 |
| Togo | N/A | Black | Grey | N/A | N/A | Black | N/A | N/A | 3.33 |
| Tonga | N/A | N/A | Black | N/A | N/A | N/A | N/A | N/A | 50.00 |
| Tuvalu | 7 points | Grey | Grey | Grey | Black | N/A | N/A | N/A | 0.00 |
| United Arab Emirates | N/A | N/A | N/A | N/A | Black | N/A | N/A | N/A | 77.27 |
| Viet Nam | N/A | Grey | Black | Grey | Black | N/A | N/A | N/A | 100.00 |
|  |  |  |  |  |  |  |  | **Average** | **41.69** |
|  | | | | | | | | | |
|  | | | | | | | | | |
| **Flags of partial compliance (FoPC)** | | | | | | | | | |
| *Flag* | *US Coast Guard 2010–2012* | *Paris 2010–2012* | *Tokyo 2010–2012* | *Vina del Mar 2010–2012* | *Indian Ocean 2010–2012* | *Black Sea 2010–2012* | *Caribbean 2010–2012* | *Abuja 2010–2012* | *National ownership (%)* |
| Algeria | N/A | Grey | N/A | N/A | N/A | N/A | N/A | N/A | 44.44 |
| Bahamas | N/A | White | White | White | Grey | White | White | White | 0.00 |
| Belgium | N/A | White | Grey | White | Grey | N/A | N/A | White | 88.89 |
| Bermuda, UK | N/A | White | White | White | Grey | N/A | N/A | N/A | 30.00 |
| Bulgaria | N/A | Grey | N/A | White | N/A | White | N/A | N/A | 85.71 |
| Cayman Islands, UK | N/A | White | White | White | Grey | N/A | N/A | N/A | 0.00 |
| China | N/A | White | White | White | Grey | N/A | N/A | White | 95.78 |
| Cook Islands | N/A | Grey | N/A | White | N/A | Grey | N/A | N/A | 0.00 |
| Croatia | N/A | White | Grey | White | N/A | N/A | N/A | N/A | 100.00 |
| Curacao | N/A | Grey | Grey | White | N/A | N/A | N/A | N/A | 0.00 |
| Denmark | N/A | White | White | White | Grey | N/A | N/A | White | 100.00 |
| Denmark (Dis) | N/A | White | White | White | Grey | N/A | N/A | White | 94.29 |
| Ecuador | N/A | N/A | N/A | Grey | N/A | N/A | N/A | N/A | 100.00 |
| France (Fis) | N/A | White | White | White | Grey | N/A | N/A | White | 25.00 |
| Germany | N/A | White | White | White | Grey | N/A | White | White | 100.00 |
| Gibraltar, UK | N/A | White | Grey | White | Grey | N/A | N/A | White | 34.78 |
| Greece | N/A | White | White | White | Grey | White | White | White | 91.39 |
| Hong Kong, China | N/A | White | White | White | Grey | White | White | White | 81.43 |
| India | N/A | Grey | Grey | White | Grey | N/A | N/A | N/A | 97.96 |
| Iran, Islamic Republic of | N/A | White | Grey | N/A | N/A | N/A | N/A | N/A | 85.71 |
| Isle of Man, UK | N/A | White | White | White | Grey | N/A | N/A | White | 56.19 |
| Italy | 2 points | White | White | White | Grey | White | Grey | White | 93.06 |
| Kazakhstan | N/A | Grey | N/A | N/A | N/A | N/A | N/A | N/A | 90.91 |
| Kuwait | N/A | N/A | Grey | N/A | N/A | N/A | N/A | N/A | 100.00 |
| Liberia | N/A | White | White | White | Grey | White | White | White | 0.18 |
| Luxembourg | N/A | White | Grey | N/A | N/A | N/A | N/A | White | 0.00 |
| Malta | 2 points | White | White | White | Grey | White | White | White | 5.05 |
| Marshall Islands | N/A | White | White | White | Grey | White | White | White | 0.26 |
| Morocco | N/A | Grey | N/A | N/A | N/A | N/A | N/A | N/A | 100.00 |
| Myanmar | N/A | N/A | Grey | N/A | N/A | N/A | N/A | N/A | 60.00 |
| Netherlands | N/A | White | White | White | Grey | White | Grey | White | 50.00 |
| Norway | N/A | White | White | White | Grey | N/A | N/A | Grey | 80.00 |
| Norway (Nis) | N/A | White | White | White | Grey | N/A | N/A | Grey | 62.71 |
| Philippines | N/A | White | White | White | Grey | Grey | N/A | White | 97.56 |
| Saudi Arabia | N/A | Grey | N/A | N/A | N/A | N/A | N/A | N/A | 96.55 |
| Singapore | N/A | White | White | White | Grey | White | White | White | 63.08 |
| Sweden | N/A | White | White | N/A | Grey | N/A | N/A | N/A | 100.00 |
| Switzerland | N/A | Grey | Grey | White | N/A | N/A | N/A | N/A | 100.00 |
| Taiwan, China | N/A | N/A | White | N/A | Grey | N/A | N/A | N/A | 96.15 |
| Turkey | N/A | White | Grey | White | Grey | White | N/A | N/A | 97.20 |
| United Kingdom | N/A | White | White | White | Grey | N/A | Grey | White | 72.97 |
| Ukraine | N/A | Grey | N/A | N/A | N/A | Grey | N/A | N/A | 100.00 |
| United States of America | N/A | White | White | Grey | N/A | N/A | White | White | 79.17 |
| Venezuela | N/A | N/A | N/A | Grey | N/A | N/A | N/A | N/A | 76.32 |
|  |  |  |  |  |  |  |  | **Average** | **66.65** |
|  | | | | | | | | | |
|  | | | | | | | | | |
| **Flags of integrity (FoIs)** | | | | | | | | | |
| *Flag* | *US Coast Guard 2010–2012* | *Paris 2010–2012* | *Tokyo 2010–2012* | *Vina del Mar 2010–2012* | *Indian Ocean 2010–2012* | *Black Sea 2010–2012* | *Caribbean 2010–2012* | *Abuja 2010–2012* | *National ownership (%)* |
| Brazil | N/A | N/A | N/A | White | N/A | N/A | N/A | N/A | 100.00 |
| Chile | N/A | N/A | N/A | White | N/A | N/A | N/A | N/A | 100.00 |
| Estonia | N/A | White | N/A | N/A | N/A | N/A | N/A | N/A | 33.33 |
| Faroe Islands, DK | N/A | White | N/A | N/A | N/A | N/A | N/A | N/A | 0.00 |
| Finland | N/A | White | N/A | N/A | N/A | N/A | N/A | N/A | 66.67 |
| Japan | N/A | White | White | White | White | N/A | N/A | N/A | 99.36 |
| Latvia | N/A | White | N/A | N/A | N/A | N/A | N/A | N/A | 100.00 |
| Maldives | N/A | N/A | White | N/A | N/A | N/A | N/A | N/A | 75.00 |
| Poland | N/A | White | N/A | N/A | N/A | N/A | N/A | N/A | 100.00 |
| Portugal | N/A | White | N/A | White | N/A | N/A | N/A | N/A | 100.00 |
| Portugal (Mar) | N/A | White | N/A | White | N/A | N/A | N/A | N/A | 0.00 |
| Russian Federation | N/A | White | White | White | N/A | White | N/A | N/A | 80.73 |
| Spain (Csr) | N/A | White | N/A | N/A | N/A | N/A | N/A | N/A | 84.21 |
|  |  |  |  |  |  |  |  | **Average** | **78.44** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Table S3** List of flag states that have qualified for ‘White, Grey and Black List’ designation based on Inspections made by through the Paris Memorandum of Understanding (MoU) on Port State Control. Where listing designations are absent, flags have not been encountered the minimum number of times (30 inspections) to allow for designation on a targeted flag list. | | | | | | | | | | | | | | | | |
| *Flag* | *List 1995–1997* | *List 1996–1998* | *List 1997–1999* | *List 1998–2000* | *List 1999–2001* | *List 2000–2002* | *List 2001–2003* | *List 2002–2004* | *List 2003–2005* | *List 2004–2006* | *List 2005–2007* | *List 2006–2008* | *List 2007–2009* | *List 2008–2010* | *List 2009–2011* | *List 2010–2012* |
| Albania | N/A | N/A | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black |
| Algeria | Black | Black | Black | Black | Black | Black | Black | Black | Black | Grey | Grey | Grey | Grey | Grey | Grey | Grey |
| Antigua and Barbuda | Grey | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Antilles, Netherlands | Grey | Grey | Grey | Grey | Grey | White | White | White | White | White | Grey | Grey | Grey | N/A | N/A | N/A |
| Austria | White | White | White | White | White | Grey | Grey | N/A | N/A | Grey | Grey | Grey | N/A | N/A | N/A | N/A |
| Azerbaijan | Black | Grey | Black | Grey | Black | Grey | Grey | Grey | White | Grey | Grey | Grey | Grey | Black | Black | N/A |
| Bahamas | White | White | White | Grey | White | White | White | White | White | White | White | White | White | White | White | White |
| Bangladesh | N/A | Black | Black | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Barbados | Grey | Grey | White | White | White | Grey | Grey | White | White | White | White | White | White | White | White | White |
| Belgium | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Grey | White | White | White | White | White | White | White | White |
| Belize | Black | Black | Black | Black | Black | Black | Black | Black | Grey | Black | Black | Black | Black | N/A | Grey | Grey |
| Bermuda | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Bolivia | N/A | N/A | N/A | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black |
| Brazil | Black | Grey | Grey | Grey | Grey | Grey | Grey | Black | Black | Black | N/A | N/A | N/A | N/A | N/A | N/A |
| Bulgaria | Black | Black | Black | Grey | Black | Black | Black | Grey | Grey | Grey | Grey | Grey | Grey | N/A | Grey | Grey |
| Cambodia | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black |
| Cayman Islands | Grey | Grey | Grey | Grey | Grey | Grey | Grey | White | White | White | White | White | White | White | White | White |
| China | Black | Grey | Grey | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Comoros | N/A | N/A | N/A | N/A | N/A | N/A | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black |
| Cook Islands | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Grey | Grey | Grey | Grey | Grey | Grey |
| Croatia | Black | Black | Black | Black | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | White | White | White | White |
| Cuba | Black | Black | Black | Grey | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Curacao | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Grey | Grey |
| Cyprus | Black | Black | Black | Black | Black | Black | Black | Grey | White | White | White | White | White | White | White | White |
| Denmark | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Dominica | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Grey | Grey | Grey | Black | Black | Grey | Black | Black |
| Dominican Republic | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Grey | Grey | Grey | N/A | N/A | N/A | N/A |
| Egypt | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Grey | Grey | Grey |
| Estonia | Black | Black | Grey | Grey | Grey | Grey | Grey | Grey | Grey | White | White | White | White | White | White | White |
| Ethiopia | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Faroe Islands | Grey | Black | Grey | Black | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | N/A | White | White |
| Finland | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| France | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Georgia | Black | N/A | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black |
| Germany | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Gibraltar | N/A | N/A | N/A | Grey | Grey | Grey | Grey | Grey | White | White | White | White | White | White | White | White |
| Greece | Black | Black | Grey | Grey | White | White | White | White | White | White | White | White | White | White | White | White |
| Honduras | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Grey | Black | Black |
| Hong Kong | White | Grey | Grey | Grey | White | White | White | White | White | White | White | White | White | White | White | White |
| India | Grey | White | Grey | Grey | Black | Black | Black | Grey | Grey | Grey | White | White | White | White | Grey | Grey |
| Iran, Islamic Republic of | Black | Black | Grey | Grey | Grey | Grey | Black | Grey | Grey | White | White | Grey | Grey | Grey | White | White |
| Ireland | White | White | White | White | White | White | White | White | Grey | Grey | White | White | White | White | White | White |
| Isle of Man | Grey | Grey | Grey | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Israel | Grey | Grey | Grey | Grey | White | White | White | White | White | White | White | White | N/A | N/A | N/A | N/A |
| Italy | Grey | Grey | Grey | Grey | Grey | White | White | White | White | White | White | White | White | White | White | White |
| Jamaica | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Grey | Black | Grey | Black | Grey | Grey | N/A |
| Japan | White | White | White | White | White | White | White | White | Grey | Grey | Grey | White | White | White | White | White |
| Kazakhstan | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | White | Grey | Grey |
| Korea, Democratic People's Republic | N/A | N/A | N/A | N/A | N/A | Black | Black | Black | Black | Black | Black | Black | Black | Black | N/A | N/A |
| Korea, Republic of | White | Grey | White | White | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | White | White | White |
| Kuwait | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | N/A | White | N/A | White | N/A | N/A | N/A | N/A |
| Latvia | Grey | Grey | Black | Black | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | White | White |
| Lebanon | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black |
| Liberia | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Libya | Black | Black | Black | Black | Black | Black | Black | N/A | N/A | N/A | N/A | Black | Black | Black | Black | Black |
| Lithuania | Black | Grey | Grey | Black | Grey | Grey | Grey | Grey | Grey | Grey | Grey | White | White | White | White | White |
| Luxembourg | Grey | Grey | Grey | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Malaysia | Black | Black | Black | Grey | Grey | Grey | Grey | White | Grey | Grey | Grey | Grey | Grey | N/A | Grey | Grey |
| Malta | Black | Black | Black | Black | Black | Black | Black | Grey | White | White | White | White | White | White | White | White |
| Marshall Islands | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Mauritius | Black | Black | Black | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Moldova, Republic of | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Black | Black | Black | Black | Black |
| Mongolia | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Grey | Grey | Grey | Black | Black | Black | Grey | N/A | N/A |
| Montenegro | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Black | Black | N/A | N/A |
| Morocco | Black | Black | Black | Black | Black | Black | Black | Grey | Grey | Black | Grey | Grey | Grey | N/A | Grey | Grey |
| Myanmar, Union of | Grey | Grey | Grey | N/A | N/A | Grey | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Netherlands | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Norway | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Pakistan | Black | Black | Black | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Panama | Black | Black | Black | Black | Black | Black | Black | Black | Grey | Grey | Black | Black | Grey | White | White | White |
| Philippines | Grey | Grey | Grey | Grey | Grey | Grey | Grey | White | White | White | White | White | White | White | White | White |
| Poland | Grey | Grey | Grey | Grey | White | Grey | Grey | Grey | Grey | Grey | Grey | Grey | White | N/A | White | White |
| Portugal | Grey | Grey | Grey | Grey | Grey | Grey | White | White | White | White | White | White | White | White | White | White |
| Qatar | Grey | Grey | Grey | Grey | Grey | Grey | N/A | N/A | N/A | N/A | N/A | White | White | White | N/A | N/A |
| Romania | Black | Black | Black | Black | Black | Black | Black | Black | Grey | Grey | Grey | N/A | N/A | N/A | N/A | N/A |
| Russian Federation | Black | Black | Black | Black | Black | Grey | Grey | Grey | Grey | Grey | White | White | White | White | White | White |
| Saint Kitts & Nevis | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Black | Black | Black | Black | Black | Black | Black |
| Saint Vincent & the Grenadines | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Grey | Grey |
| Sao Tome & Principe | N/A | N/A | N/A | Black | Black | Black | Black | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Saudi Arabia | Grey | Grey | Grey | Grey | Grey | Grey | White | Grey | White | White | Grey | Grey | Grey | N/A | Grey | Grey |
| Sierra Leone | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Black | Black | Black | Black | Black | Black |
| Singapore | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Slovakia | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Black | Black | Black | Black | Black | Black | Grey | Grey | Grey |
| Spain | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | White | White | White | White | White | White | White | White |
| Sri Lanka | Grey | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Sweden | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Switzerland | Grey | Grey | Grey | Grey | N/A | White | Grey | Grey | Grey | White | White | White | Grey | N/A | Grey | Grey |
| Syrian Arab Republic | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Grey |
| Taiwan, China | White | White | Grey | Grey | Grey | Grey | Grey | Black | Black | Grey | Grey | Grey | N/A | N/A | N/A | N/A |
| Tanzania, United Republic of | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Black | Black | Black |
| Thailand | Black | Black | Black | Black | Grey | Grey | White | White | Grey | Grey | Grey | Grey | Grey | Grey | Grey | White |
| Togo | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Black | Black | Black | Black |
| Tonga | N/A | N/A | N/A | N/A | Black | Black | Black | Black | Black | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Tunisia | Black | Black | Grey | Grey | Grey | Black | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey |
| Turkey | Black | Black | Black | Black | Black | Black | Black | Black | Black | Grey | Grey | White | White | White | White | White |
| Tuvalu | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | N/A | N/A | N/A | N/A | Grey | Grey | Grey | Grey |
| UK | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White | White |
| Ukraine | Black | Black | Black | Black | Black | Black | Black | Black | Black | Grey | Black | Black | Black | Black | Black | Grey |
| United Arab Emirates | N/A | N/A | N/A | Grey | Grey | Grey | Grey | Grey | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| USA | White | White | White | White | Grey | White | White | White | White | White | White | Grey | Grey | Grey | Grey | White |
| Vanuatu | Grey | Grey | Grey | Grey | Grey | Grey | White | Grey | Grey | Grey | White | White | Grey | N/A | White | White |
| Viet Nam | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Black | Grey | Grey | Grey |