IACS UR's and Panel Responsible

UR Ax (Mooring and Anchoring)

UR	Title	Panel Responsible
A1	Anchoring Equipment	Hull
A2	Shipboard fittings and supporting hull structures associated with towing and mooring on conventional ships	Hull
A3	Anchor Windlass Design and Testing	Machinery

UR Cx (Container)

UR	Title	Panel Responsible
	None to date	

UR Dx (Mobile Offshore Drilling Units)

UR	Title	Panel Responsible
D1	Requirement concerning offshore drilling units and other similar units	Hull (lead); Safety and Survey may be requested to assist the lead Panel
D2	Definitions	Hull (lead); Survey, Machinery and Safety Panels may be requested to assist the lead Panel
D3	General design parameters	Hull (lead) – Safety Panel may be requested to assist the lead Panel
D4	Self-elevating drilling units	Hull (lead) – Safety Panel may be requested to assist the lead Panel
D5	Column stabilized drilling units	Hull (lead) – Safety Panel may be requested to assist the lead Panel
D6	Surface type drilling units	Hull (lead) – Safety Panel may be requested to assist the lead Panel
D7	Watertight Integrity	Safety
D8	Hazardous Areas	Machinery
D9	Machinery	Machinery
D10	Electrical installations - Deleted Dec 2018	
D11	Safety Features	Safety
D12	Deleted	

IACS UR's and Panel Responsible

UR Ex (Electrical and Electronic Installations)

UR	Title	Panel Responsible
E1	Revised see M3.2	
E2	Deleted	
E3	Deleted	
E4	Deleted	
E5	Voltage and frequency variations	Machinery
E6	Deleted	
E7	Cables	Machinery
E8	Deleted	
E9	Earthing and bonding of cargo tanks/process plant/piping systems for the control of static electricity	Machinery
E10	Test specification for Type Approval	Machinery
E11	Unified Requirements for Systems with voltages above 1kV up to 15kV	Machinery
E12	Electrical equipment allowed in paint stores and in the enclosed spaces leading to paint stores	Machinery
E13	Test requirements for rotating machines	Machinery
E14	Not adopted, re-categorised as Rec.52	
E15	Electrical services required to be operable under fire conditions and fire resistant cables	Machinery
E16	Cable trays/protective casings made of plastic materials	Machinery
E17	Generator and Generator systems, having the ship's propulsion machinery as their prime mover, not forming part of the ship's main source of electrical power	Machinery
E18	Recording of the Type, Location and Maintenance Cycle of Batteries	Machinery
E19	Ambient Temperature for Electrical Equipment installed in environmentally controlled spaces	Machinery
E20	Installation of electrical and electronic equipment in engine rooms protected by fixed water-based local application fire-fighting systems (FWBLAFFS)	Machinery
E21	Requirements for uninterruptible power system (UPS) units as alternative and/or transitional power	Machinery
E22	On Board Use And Application Of Computer based systems	Cyber Systems
E23	Deleted Mar 2011	
E24	Harmonic Distortion for Ship Electrical Distribution System including Harmonic Filters	Machinery
E25	Failure detection and response of all types of steering control systems	Machinery

IACS UR's and Panel Responsible

UR Fx (Fire Protection)

UR	Title	Panel Responsible
F1	Cathodic protection on oil tanker	Hull; EG/M&W to have technical involvement
F2	Aluminium coating on board oil tankers and chemical tankers	Hull; EG/M&W to have technical involvement
F3	Tank cleaning openings	Machinery
F4	Deleted	
F5	Pump room alarms	Safety
F6	Standardization of Flash Points	Safety
F7	Portable instruments for measuring oxygen and flammable vapour concentrations	Safety
F8	Pressurisation of cargo tanks	Machinery
F9	Lighting and sighting ports in pump room/engine room bulkheads - Deleted Dec 2013	Safety
F10	Deleted	
F11	Deleted	
F12	Deleted	
F13	Gland seals in pump room bulkheads	Machinery
F14	Deleted	
F15	Piping passing through dangerous zones	Machinery
F16	Bow and stern loading and unloading arrangements on oil tankers	Machinery
F17	Deleted	
F18	Deleted	
F19	Deleted	
F20	Inert gas system	Machinery
F21	Pump room ventilation	Safety
F22	Direct loading pipes to oil tanker cargo tanks	Machinery
F23	Deleted	
F24	Temperature of Steam and Heating Media within the Cargo Area	Machinery
F25	Deleted	
F26	Safety aspects of double bottoms and duct keels under cargo oil tanks	Safety
F27	Cargo openings in the bottoms of topside tanks of ships carrying alternatively oil and grain	Safety (lead); Hull may be requested to assist the lead Panel
F28	Deleted	
F29	Non-sparking fans	Machinery
F30	Deleted	
F31	Deleted	
F32	Fire detecting system for unattended machinery spaces	Safety
F33	Prohibition of carriage in fore peak tanks of oil or other liquid substances which are flammable	Safety
F34	Deleted July 2010	
F35	Fire protection of machinery spaces	Safety
F36	Deleted	
F37	Re-categorised to Rec 53.1	
F38	Re-categorised to Rec 53.2	
F39	Deleted	
F40	Deleted	

IACS UR's and Panel Responsible

UR	Title	Panel Responsible
F41	Sea intakes for fire pumps on ships with ICE class	Safety
F42	Fire testing of flexible pipes	Safety
F43	Installation Requirements for analysing units for continuous monitoring of flammable vapours	Machinery
F44	Fore peak ballast system on oil tankers	Safety

UR Gx (Gas Tankers)

UR	Title	Panel Responsible
G1	Cargo containment of gas tankers	Hull (lead) – Survey and Machinery Panels may be requested to assist the lead Panel; EG/M&W to have technical involvement
G2	Liquified gas cargo tanks and process pressure vessels	Machinery (lead) – Survey Panel may be requested to assist the lead Panel; EG/M&W to have technical involvement
G3	Liquefied gas cargo and process piping	Machinery (lead) – Survey Panel may be requested to assist the lead Panel; EG/M&W to have technical involvement
G4	Re-categorised as Z16	

UR Ix (Polar Class)

UR	Title	Panel Responsible
I1	Polar Class Descriptions and Application	Hull; EG/M&W to have technical involvement
I2	Structural Requirements for Polar Class Ships	Hull; EG/M&W to have technical involvement
I3	Machinery Requirements for Polar Class Ships	Machinery; EG/M&W to have technical involvement

UR Kx (Propellers)

UR	Title	Panel Responsible
K1	Deleted	
K2	Deleted	
K3	Keyless Fitting of Propellers without Ice Strengthening	Machinery

UR Lx (Load Line)

UR	Title	Panel Responsible
L1	Deleted	
L2	Intact stability – Matter of class	Safety
L3	Deleted, re-categorised as Rec.60	
L4	Closure of Chain Lockers	Safety
L5	Computer Software for Onboard Stability Calculations	Safety

IACS UR's and Panel Responsible

UR Mx (Machinery Installations)

UR	Title	Panel Responsible
M1	Deleted	
M2	Alarm devices of internal combustion engines	Machinery
M3	Speed governor and overspeed protective device	Machinery
M4	Deleted	
M5	Mass production of internal combustion engines, procedure for inspection (Deleted Feb 2015)	Machinery
M6	Test pressures for parts of internal combustion engines (Deleted Feb 2015)	Machinery
M7	Re-categorised as Rec.26	
M8	Re-categorised as Rec.27	
M9	Crankcase explosion relief valves for crankcases of internal combustion engines	Machinery
M10	Protection of internal combustion engines against crankcase explosions	Machinery
M11	Protective devices for starting air mains	Machinery
M12	Fire extinguishing systems for scavenge manifolds	Machinery
M13	Re-categorised as Rec.28	
M14	Mass production of internal combustion engines: definition of mass production (Deleted Feb 2015)	Machinery
M15	Re-categorised as Rec.29	
M16	Devices for emergency operation of propulsion steam turbines	Machinery
M17	Deleted	
M18	Parts of internal combustion engines for which material tests are required (Deleted Feb 2015)	Machinery; EG/M&W to have technical involvement
M19	Parts of internal combustion engines for which nondestructive tests are required (Deleted Feb 2015)	Machinery; EG/M&W to have technical involvement
M20	Deleted	
M21	Mass production of internal combustion engines: type test conditions (Deleted Feb 2015)	Machinery
M22	*No record*	
M23	Mass production of engines: mass produced exhaust driven turboblowers (Deleted Feb 2015)	Machinery; EG/M&W to have technical involvement
M24	Requirements concerning use of crude oil or slops as fuel for tanker boilers	Machinery
M25	Astern power for main propulsion	Machinery
M26	Safety devices of steam turbines	Machinery
M27	Bilge level alarms for unattended machinery spaces	Machinery
M28	Ambient reference conditions	Machinery
M29	Alarm systems for vessels with periodically unattended machinery spaces	Machinery
M30	Safety Systems for vessels with periodically unattended machinery spaces	Machinery
M31	Continuity of electrical power supply for vessels with periodically unattended machinery spaces	Machinery
M32	Definition of diesel engine type (Deleted Feb 2015)	Machinery

IACS UR's and Panel Responsible

UR	Title	Panel Responsible
M33	Deleted	
M34	Scantlings of coupling flanges	Machinery
M35	Alarms, remote indications and safeguards for main reciprocating internal combustion engines installed in unattended machinery spaces	Machinery
M36	Alarms and safeguards for auxiliary reciprocating internal combustion engines driving generators in unattended machinery spaces	Machinery
M37	Deleted	
M38	Deleted	
M39	Deleted	
M40	Ambient conditions – Temperatures	Machinery
M41	Superseded by UR E10	
M42	Steering gear	Machinery
M43	Bridge control of propulsion machinery for unattended machinery spaces	Machinery
M44	Documents for the approval of diesel engines	Machinery
M45	Ventilation of Machinery Spaces	Machinery
M46	Ambient conditions – Inclinations	Machinery
M47	Bridge control of propulsion machinery for attended machinery spaces	Machinery
M48	Replaced by UR M68	
M49	Merged with UR E8 to form UR M61	
M50	Programme for type testing of non–mass produced I.C. engines (Deleted Feb 2015)	Machinery
M51	Factory Acceptance Test and Shipboard Trials of I.C. Engines	Machinery
M52	Length of aft stern bush bearing	Machinery
M53	Calculations for I.C. Engine Crankshafts	Machinery
M54	Deleted	
M55	Deleted	
M56	Marine gears – Load capacity of involute parallel axis spur and helical gears	Machinery
M57	Use of Ammonia as a Refrigerant	Machinery
M58	Charge Air Coolers (Deleted Feb 2015)	Machinery
M59	Control & Safety System for dual fuel diesel engines (Deleted June 2019)	Machinery
M60	Control and Safety of Gas Turbines for Marine Propulsion Use	Machinery
M61	Starting Arrangements of Internal Combustion Engines	Machinery
M62	Rooms for emergency fire pumps in cargo ships – Deleted June 2014	Machinery
M63	Alarms and safeguards for emergency diesel engines	Machinery
M64	Design of integrated cargo and ballast systems on tankers	Machinery
M65	Draining and Pumping Forward Spaces in Bulk Carriers	Machinery
M66	Type Testing Procedure for Crankcase Explosion Relief Valves	Machinery

IACS UR's and Panel Responsible

UR	Title	Panel Responsible
M67	Type Testing Procedure For Crankcase Oil Mist Detection and Alarm Equipment	Machinery
M68	Dimensions of propulsion shafts and their permissible torsional vibration stresses	Machinery
M69	Qualitative Failure Analysis for Propulsion and Steering on Passenger Ships	Machinery
M70	Under Development	
M71	Type Testing of I.C. Engines	Machinery
M72	Certification of Engine Components	Machinery
M73	Turbochargers	Machinery
M74	Installation of Ballast Water Management Systems	Machinery
M75	Ventilation of emergency generator rooms	Machinery
M76	Location of fuel tanks in cargo area on oil and chemical tankers	Machinery
M77	Storage and use of SCR reductants	Machinery
M78	Safety of Internal Combustion Engines Supplied with Low Pressure Gas	Machinery
M79	Towing winch emergency release systems	Machinery
M80	Requirements for AC Generating sets	Machinery

UR Nx (Navigation)

UR	Title	Panel Responsible
N1	One man bridge operated (OMBO) ships	Safety

UR Px (Pipes and Pressure Vessels)

UR	Title	Panel Responsible
P1	Rules for pipes	Machinery; EG/M&W to have technical involvement
P2	Rules for piping design, construction and testing	Machinery; EG/M&W to have technical involvement
P3	Air pipe closing devices	Machinery; EG/M&W to have technical involvement
P4	Production and Application of Plastic Piping Systems on Ships	Machinery
P5	Deleted Apr 2011	Machinery
P6	Shell Type Exhaust Gas Heated Economizer That May Be Isolated From The Steam Plant System	Machinery

IACS UR's and Panel Responsible

UR Sx (Strength of Ships)

UR	Title	Panel Responsible
S1	Requirements for Loading Conditions, Loading Manuals and Loading Instruments	Hull
S1A	Additional Requirements for Loading Conditions, Loading Manuals and Loading Instruments for Bulk Carriers, Ore Carriers and Combination Carriers	Hull
S2	Definition of ship's length *L* and of block coefficient C_b	Hull
S3	Strength of end bulkheads of superstructures and deckhouses	Hull
S4	Criteria for the use of high tensile steel with minimum yield stress of 315 N/mm^2, 355 N/mm^2 and 390 N/mm^2	Hull; EG/M&W to have technical involvement
S5	Calculation of midship section moduli for conventional ship for ship's scantlings	Hull
S6	Use of steel grades for various hull members-ships of 90m in length and above	Hull; EG/M&W to have technical involvement
S7	Minimum longitudinal strength standards	Hull
S8	Bow doors and inner doors	Hull
S9	Side shell doors and stern doors	Hull
S10	Rudders, sole pieces and rudder horns	Hull; EG/M&W to have technical involvement
S11	Longitudinal strength standard	Hull
S11A	Longitudinal Strength Standard for Container Ships	Hull
S12	Side Structures in Single Side Skin Bulk Carriers	Hull
S13	Strength of bottom forward in oil tankers	Hull
S14	Testing Procedures of Watertight Compartments	Hull
S15	Side shell doors and stern doors - Retrospective application of UR-S9 to existing ro-ro passenger ships	Hull
S16	Bow Doors and Inner Doors - Retrospective Application of UR-S8, as amended to 1995, to existing Ro-Ro Passenger Ships	Hull
S17	Longitudinal Strength of Hull Girder in Flooded Condition for Non-CSR Bulk Carriers	Hull
S18	Evaluation of Scantlings of Corrugated Transverse Watertight Bulkheads in Non-CSR Bulk Carriers considering hold flooding	Hull
S19	Evaluation of Scantlings of the transverse watertight corrugated bulkhead between cargo holds Nos. 1 and 2, with cargo hold No. 1 flooded, for existing bulk carriers	Hull (lead), Survey Panel may be requested to assist the lead Panel
S20	Evaluation of Allowable Hold Loading for Non-CSR Bulk Carriers Considering Hold Flooding	Hull
S21	Evaluation of Scantlings of Hatch Covers and Hatch Coamings of Cargo Holds of Bulk Carriers, Ore Carriers and Combination Carriers (Rev.4)	Hull
S21A	Evaluation of Scantlings of Hatch Covers and Hatch Coamings and Closing Arrangements of Cargo Holds of Ships	Hull

IACS UR's and Panel Responsible

UR	Title	Panel Responsible
S22	Evaluation of Allowable Hold Loading of Cargo Hold No.1 with Cargo Hold No.1 Flooded, for existing bulk carriers	Hull (lead), Survey Panel may be requested to assist the lead Panel
S23	Implementation of IACS Unified Requirements S19 and S22 for Existing Single Side Skin Bulk Carriers	Hull (lead), Survey Panel may be requested to assist the lead Panel
S24	Deleted	
S25	Deleted May 2010	
S26	Strength and securing of Small Hatches on the Exposed Fore Deck	Hull (lead), Survey Panel may be requested to assist the lead Panel
S27	Strength Requirements for Fore Deck Fittings and Equipment	Hull (lead), Survey Panel may be requested to assist the lead Panel
S28	Requirements for the Fitting of a Forecastle for Bulk Carriers, Ore Carriers and Combination Carriers	Hull
S29	*No record*	
S30	Cargo Hatch Cover Securing Arrangements for Bulk Carriers not Built in Accordance with UR S21(Rev.3)	Hull (lead), Survey Panel may be requested to assist the lead Panel
S31	Renewal Criteria for Side Shell Frames and Brackets in Single Side Skin Bulk Carriers and Single Side Skin OBO Carriers not Built in accordance with UR S12 Rev.1 or subsequent revisions	Hull (lead), Survey Panel may be requested to assist the lead Panel
S32	Deleted May 2010	
S33	Requirements for use of Extremely Thick Steel Plates in Container Ships	Hull
S34	Functional Requirements on Load Cases for Strength Assessment of Container Ships by Finite Element Analysis	Hull

IACS UR's and Panel Responsible

UR Wx (Materials and Welding)

UR	Title	Panel Responsible
W1	Materials and welding for gas tankers	EG/M&W
W2	Test specimens and mechanical testing procedures for materials	EG/M&W
W3	Deleted	
W4	Deleted	
W5	Deleted	
W6	Deleted	
W7	Hull and machinery steel forgings	EG/M&W
W8	Hull and machinery steel castings	EG/M&W
W9	Grey iron castings	EG/M&W
W10	Spheroidal or nodular graphite iron castings	EG/M&W
W11	Normal and higher strength hull structural steels	EG/M&W; Hull to have technical involvement
W12	Deleted	
W13	Thickness tolerances of steel plates and wide flats	EG/M&W; Hull to have technical involvement
W14	Steel plates and wide flats with specified minimum through thickness properties ("Z" quality)	EG/M&W; Hull to have technical involvement
W15	Deleted	
W16	High strength steels for welded structures	EG/M&W; Hull to have technical involvement
W17	Approval of consumables for welding normal and higher strength hull structural steels	EG/M&W
W18	Anchor Chain Cables and Accessories including chafing chain for emergency towing arrangement	EG/M&W
W19	Deleted, superseded by UR W11	
W20	Deleted, superseded by UR W11	
W21	Deleted, superseded by UR W11	
W22	Offshore Mooring Chain	EG/M&W
W23	Approval of Welding Consumables for High Strength Steels for Welded Structure	EG/M&W
W24	Cast Copper Alloy Propellers	EG/M&W
W25	Aluminium Alloys for Hull Construction and Marine Structure	EG/M&W; Hull to have technical involvement
W26	Requirements for Welding Consumables for Aluminium Alloys	EG/M&W
W27	Cast Steel Propeller	EG/M&W
W28	Welding procedure qualification tests of steels for hull construction and marine structures	EG/M&W; Hull to have technical involvement
W29	Requirements for manufacture of anchors	EG/M&W
W30	Normal and higher strength corrosion resistant steels for cargo oil tanks – Deleted 1 July 2015	Hull
W31	YP47 Steels and Brittle Crack Arrest Steels	EG/M&W
W32	Qualification scheme for welders of hull structural steels	EG/M&W
W33	Non-destructive testing of ship hull steel welds	EG/M&W (Lead) Survey Panel
W34	Advanced non-destructive testing of materials and welds	EG/M&W (Lead) Survey Panel
W35	Requirements for NDT Suppliers	EG/M&W

IACS UR's and Panel Responsible

UR Zx (Survey and Certification)

UR	Title	Panel Responsible
Z1	Annual and intermediate classification survey coverage of IMO Resolution A.1140(31)	Survey
Z2	Deleted, Superseded by UR Z10.1	
Z3	Periodical survey of the outside of the ship's bottom and related items	Survey
Z4	Surveys of hatch covers and coamings, Deleted May 2013	Survey
Z5	Deleted, Re-categorised as Rec.59	
Z6	Continuous system for hull special survey	Survey
Z7	Hull Classification Surveys	Survey
Z7.1	Hull Surveys for General Dry Cargo Ships	Survey
Z7.2	Hull Surveys for Liquefied Gas Carriers	Survey
Z8	Corrosion protection coating for salt water ballast spaces	Survey
Z9	Corrosion protection coatings for cargo hold spaces on bulk carriers	Survey
Z10.1	Hull surveys of oil tankers	Survey
Z10.2	Hull surveys of bulk carriers	Survey
Z10.3	Hull surveys of chemical tankers	Survey
Z10.4	Hull surveys of double hull oil tankers	Survey
Z10.5	Hull Surveys of Double Skin Bulk Carriers	Survey
Z10.6	Re-categorised as UR Z7.1	
Z11	Mandatory ship type and Enhanced Survey Programme (ESP) notations	Survey
Z12	Deleted	
Z13	Voyage repairs and maintenance	Survey; EG/M&W to have technical involvement
Z14	*No record*	
Z15	Hull, Structure, Equipment and Machinery Surveys of Mobile Offshore Drilling Units	Survey
Z16	Periodical Surveys of Cargo Installations on ships carrying liquefied gases in bulk	Survey
Z17	Procedural requirements for service suppliers	Survey
Z18	Survey of Machinery	Survey
Z19	Calibration of Measuring Equipment	Survey
Z20	Planned Maintenance Scheme (PMS) for Machinery	Survey
Z21	Surveys of Propeller Shafts and Tube Shafts	Survey
Z22	Survey Requirements for Automatic Air Pipe Heads – Deleted July 2014	Survey
Z23	Hull Survey for New Construction	Survey; EG/M&W to have technical involvement
Z24	Survey Requirements for Shell and Inner Doors of Ro-Ro Ships	Survey
Z25	Periodic Survey of Fuel Installations on Ships other than Liquefied Gas Carriers utilizing gas or other low flash point fuels	Survey
Z26	Alternative Certification Scheme (ACS)	Machinery

IACS UR's and Panel Responsible

UR	Title	Panel Responsible
Z27	Condition Monitoring and Condition Based Maintenance	Survey
Z28	Surveys of Watertight Cable Transits	Survey