

UR Z1 "Annual and intermediate classification survey coverage of IMO Resolution A.997(25) as amended by IMO Resolution A.1020(26)"¹

Part A. Revision History

Version no.	Approval date	Implementation date when applicable
Rev.4 (May 2010)	18 May 2010	-
Rev.3 (Sept 2005)	18 September 2005	-
Rev.2 (June 1999)	11 June 1999	-
Rev.1 (1994)	<i>No record</i>	-
NEW (1982)	<i>No record</i>	-

• Rev.4 (May 2010)

.1 Origin for Change:

- Suggestion by IACS member

.2 Main Reason for Change:

IMO Res.A.948(23) which is incorporated in UR Z1(Rev.3) had been revoked by IMO Res.A.997(25).

.3 History of Decisions Made:

KRS volunteered for drafting UR Z1(Rev. 4) taking into accounts of new requirements in IMO Res.A.997(25). During drafting, IMO Res.A.1020(26) which is the amendment to IMO Res.A.997(25) was published, therefore this was also taken into account in Rev.4.

.4 Other Resolutions Changes

None

.5 Any dissenting views

None

.6 Dates:

Original Proposal: *17 February 2010 made by Survey Panel*
 Survey Panel Approval: *7 April 2010*
 GPG Approval: *18 May 2010 (ref. 10052_IGb)*

¹ Title changed from 'Annual and intermediate classification survey coverage of IMO Resolution A.948(23)' at Rev.4. Note that the title was also changed at Revs.2 and 3.

- **Rev.3 (Sept 2005)**

See TB document in Part B.

The existing references to Res. A.746(18) were updated to A.948(23), including within the title.

- **Rev.2 (June 1999)**

Complete revision – see TB document in Part B.

The existing reference to IMCO Res. A.413(XI) was replaced with A.746(18).

Title changed from "*Annual survey of all cargo vessels and intermediate survey of tankers covering class matters in IMCO Resolution A.413(XI)*" to "*Annual and intermediate classification survey coverage of IMO Resolution A.746(18)*"

- **Rev.1 (1994)**

No TB document available.

- **NEW (1982)**

No TB document available.

Part B. Technical Background

List of Technical Background (TB) documents for UR Z1:

Annex 1. **TB for Rev.2 (June 1999)**

See separate TB document in Annex 1.



Annex 2. **TB for Rev.3 (Sept 2005)**

See separate TB document in Annex 2.



Annex 3. **TB for Rev.4 (May 2010)**

See separate TB document in Annex 3.



Note: *There are no separate Technical Background (TB) documents for the original resolution (1982) and Rev.1 (1994).*

**Technical Background Document
WP/SRC Task 1
UR Z 1 – Proposed Rev. 2**

Objective and Scope:

To review existing UR Z 1 and update as required.

Source of Proposed Requirements:

WP/SRC members discussed and reviewed the requirements contained in IMO Resolution A.746(18) and UR Z 1 through correspondence and their meeting. UR Z 1 was updated to reflect the changes in IMO Res. A.746(18).

Points of Discussion:

WP/SRC unanimously agreed to the proposed draft UR Z 1.

Date of submission: 6 May 1999
By WP/SRC Chairman's e-mail

Technical Background

UR Z1 (Rev.3) Annual and Intermediate Classification Survey coverage of IMO Resolution A.746(18)

WP/SRC Task 3 – Review of IACS URs Relating to Surveys, set as a continuous Task, discussed at the October 2004 meeting that a revision of UR Z1 was required due to the replacement of IMO Resolution A.746(18) with IMO Resolution A.948(23), which defines the annual and intermediate coverage of classification as related to IMO.

WP/SRC set a deadline to complete the Task by 31 December 2004, but was not able to complete a draft by that time. This Task was then turned over to the Survey Panel at the Panel's initial meeting in February of 2005.

Survey Panel Discussion

A draft was submitted to Survey Panel members by the Survey Panel Secretary with comments from Panel members, mainly editorial, in addition to the following:

ABS Panel member stated in PSU5011_ABa "In item 2.1 Load Line survey: ABS questions the need to have reference to paragraphs 1.2.3.1 through 1.2.3.2 of Annex 2 as these paragraphs refer to signing of the Load Line Certificate. We did not make reference to signing the Safety Construction certificate in other items. Z1 is a classification document only.

Item 2.3 Machinery and electrical systems: ABS noted that revision did not include paragraph 2.2.2.27; "examining visually the condition of any expansion joints in sea water systems". It is suggested that this item be included as a classification item as expansion joints are extremely important and usually visually examined anyway by any experienced classification surveyor during annual machinery surveys as part of the piping systems. A failure of a large expansion joint could lead to rapid engine room flooding.

RINA Panel member stated in PSU5011_RIa "As regards item 3.2 - Oil tanker additional items, it is suggested to amend the text in brackets as follows to be consistent with the contents: "(Piping systems and cargo tanks and electrical circuits in dangerous zones)".

As regards item 3.3 - Chemical tanker additional items, the last item 1.3.2.6 (which refers to noxious substances) is not to be included as similarly made for annual surveys.

Survey Panel Decision

All Panel members agreed with the attached comments, in addition to other Panel members editorial comments, and a final draft was submitted for GPG for approval by the Survey Panel Chairman.

Note:

- GPG agreed that no uniform application date for this revision was needed(4181aIGf)

Submitted by Survey Panel Chairman
17 August 2005

Technical Background for UR Z1 Rev.4 (May 2010)

1. Scope and objectives

To amend the current UR Z1 referring to IMO Res.A.948(23) which had been revoked by IMO Res.A.997(25) as amended by IMO Res.A.1020(26).

2. Engineering background for technical basis and rationale

As new amendments to the survey guidelines under the harmonized system of survey and certification, 2007, IMO Res.A.1020(26), had been published, the current UR Z 1 referring to IMO Res.A.948(23) was revised in accordance with IMO Res.A.997(25) as amended by IMO Res.A.1020(26).

3. Source/derivation of the proposed IACS Resolution

N/A

4. Summary of Changes intended for the revised Resolution:

- 1) To add new requirements introduced in IMO Res.A.997(25) as amended by IMO Res.A.1020(26)
- 2) To re-arrange items reflecting the requirement number's changes in IMO Res.A.997(25) as amended by IMO Res.A.1020(26)
- 3) To remove invalid requirements including the reference to Annex 1 para 1.2.3.5 in para 2.5 of UR Z1 as proposed from GPG

5. Points of discussions or possible discussions

None

6. Attachments if any

None