

Cruise summary

Cruise summary file consists of ASCII records of variable length. The time is expressed in the Japan Standard Time (JST).

1. File Name

xyynn.SUM (e.g. : RF0101.SUM)

where, xx: Hydrographic Code [listed in Table1]
yy: Year (last 2 digits)
nn: Consecutive number (Month; Before winter of 2010)

2. Record Definition

Information of cruise and equipments used for observations are documented. Main elements are as follows.

- Ship Name: ship name and call sign
- Organization:
- Cruise No./Name:
- Area:
- Miles of Track:
- Chief Scientist(s):
- Ports of Call and Cruise Dates:
- General Ocean Area(s):
- Specific Areas:
- Geographic Coverage:
- Project Name:
- Coordinating Body:
- Objectives and Brief narrative of Cruise:
- Principal Investigators:
- Summary of Measurement and Samples taken:
observation elements with parameter codes listed in Table2.
- Moorings, bottom mounted gear and drifting systems:
- Equipments and/or Standard Procedure:
- Correction and Calibration:
- Remarks:

Table 1: Ship codes.

Ship Name	CALL SIGN	Hydrographic	Subsurface current	BT	AERO_CODE
Kofu Maru	JDWX	KH/KO	AH/AO	TH/TO	1 2 47 002
Ryofu Maru	JGQH	RF	AF	TF	1 2 47 646
Keifu Maru I	JBOA	KE	AE	TE	
Keifu Maru II	JPBN	KS	AS	TS	1 2 47 000
Shumpu Maru	JFDG	SH	AH	TH	
Chofu Maru	JCCX	NC	AC	TC	1 2 47 001
Seifu Maru	JIVB	SM	AM	TM	1 2 47 003

Table 2: Parameter codes

Code	Parameter definition	Code	Parameter definition
H71	Surface measurements under-way (T,S)	H28	pH
H13	Bathymograph drops	H31	Radioactivity
H09	Water bottle stations	H32	Isotopes
H10	CTD stations	H90	Other chemical oceanographic measurements
H16	Transparency	P02	Trace metals
H73	Geochemical tracers	P03	Petroleum residues
D01	Current meters	P90	Other contaminant measurements
D05	Drifting ocean data buoy	B02	Phytoplankton pigments
D06	Subsurface float	B06	Dissolved organic material
D71	Current profiler	B08	Phytoplankton
D72	Instrumented wave measurements	B09	Zooplankton
H21	Oxygen	M01	Upper air observations
H74	Carbon dioxide	M02	Incident radiation
H33	Other dissolved gases	M05	Occasional standard measurements
H22	Phosphates	M06	Routine standard measurements
H23	Total-P	M71	Atmospheric chemistry
H24	Nitrates	M90	Other meteorological measurements
H25	Nitrites	G73	Single-beam echosounding
H76	Ammonia	G28	Geomagnetism measurements
H26	Silicates	G90	Other geological or geophysical measurements
H27	Alkalinity		