



Medical Evacuation on JMSDF ocean Flying Boats



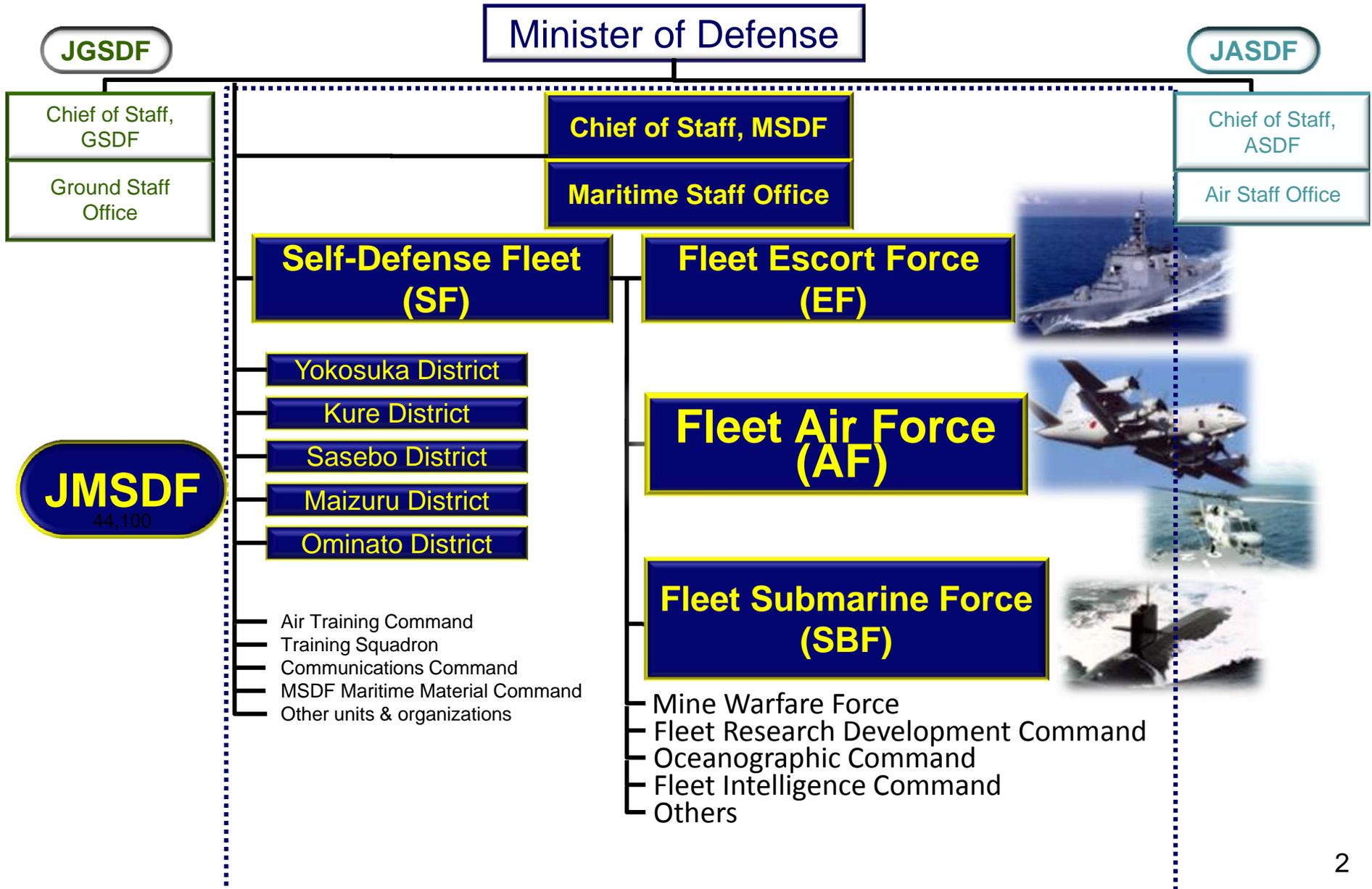
January 29 , 2013



***Fleet Surgeon(Fleet Air Force)
CDR: Hirnonori Inamura***

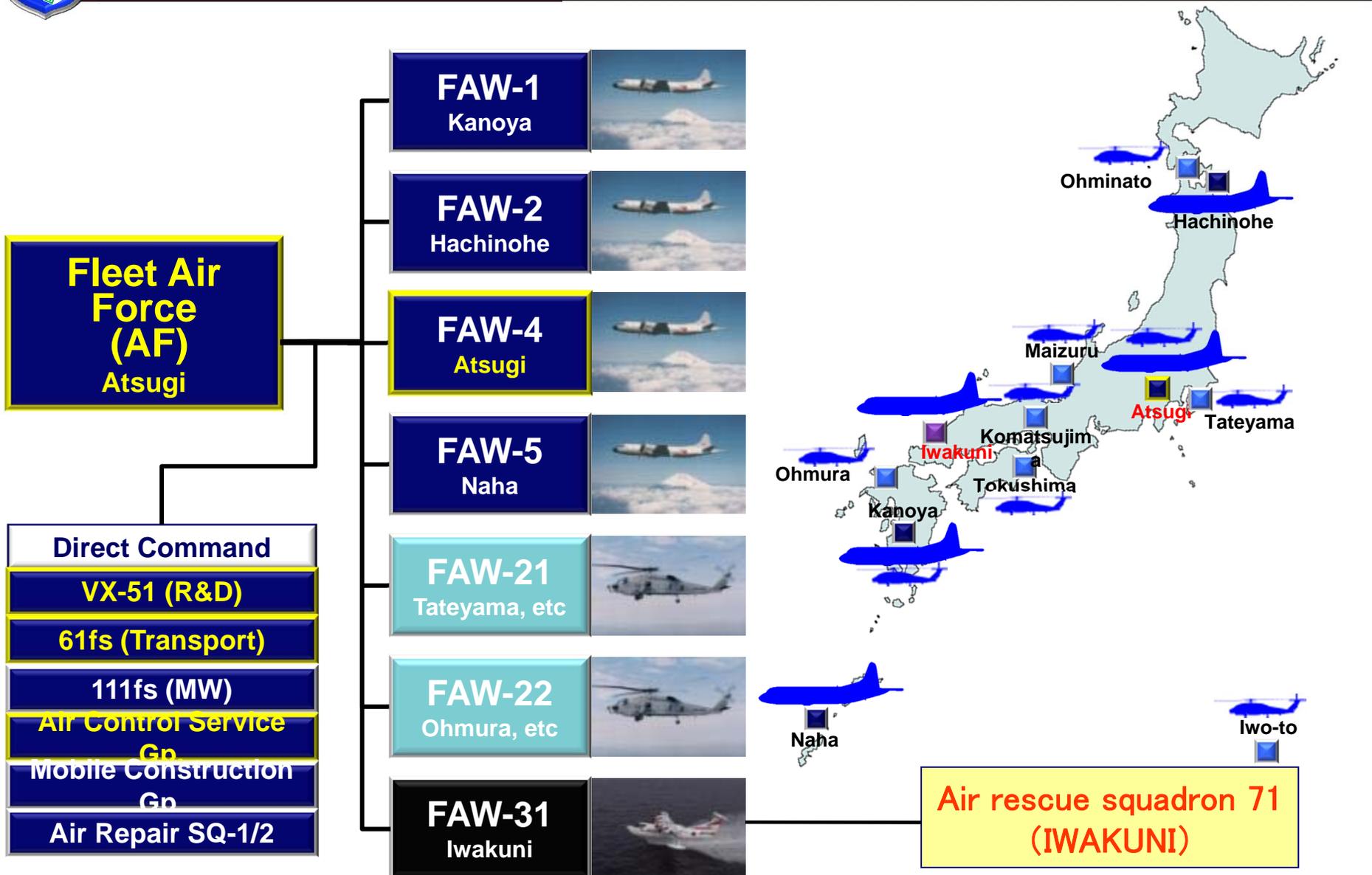


Organization of JMSDF





Organization of Fleet Air Force





Mission of Air Rescue Squadron 71 (US-2)

US-2

- Search and Rescue (for a shipwreck or aircraft at sea).
- Disaster relief.
- Transportation (passenger and supplies).



Overview of US-2



Pressurized Cabin

Satellite communication system

**New Propulsion System
(Engine and Propeller)**

**Integrated Instruments
(Display Type)**

**Lighten the Aircraft
(Float and Spray suppressor)**

Fly-by-wire control system

US-2	Size
Length	33.25m
Wing span	33.15m
Height	10.06m
Max take off weight	47.7t
Cruising altitude	30000ft
Cruising air speed	315Kt
Water landing speed	53Kt
Landing speed	80Kt
Total crew	11men





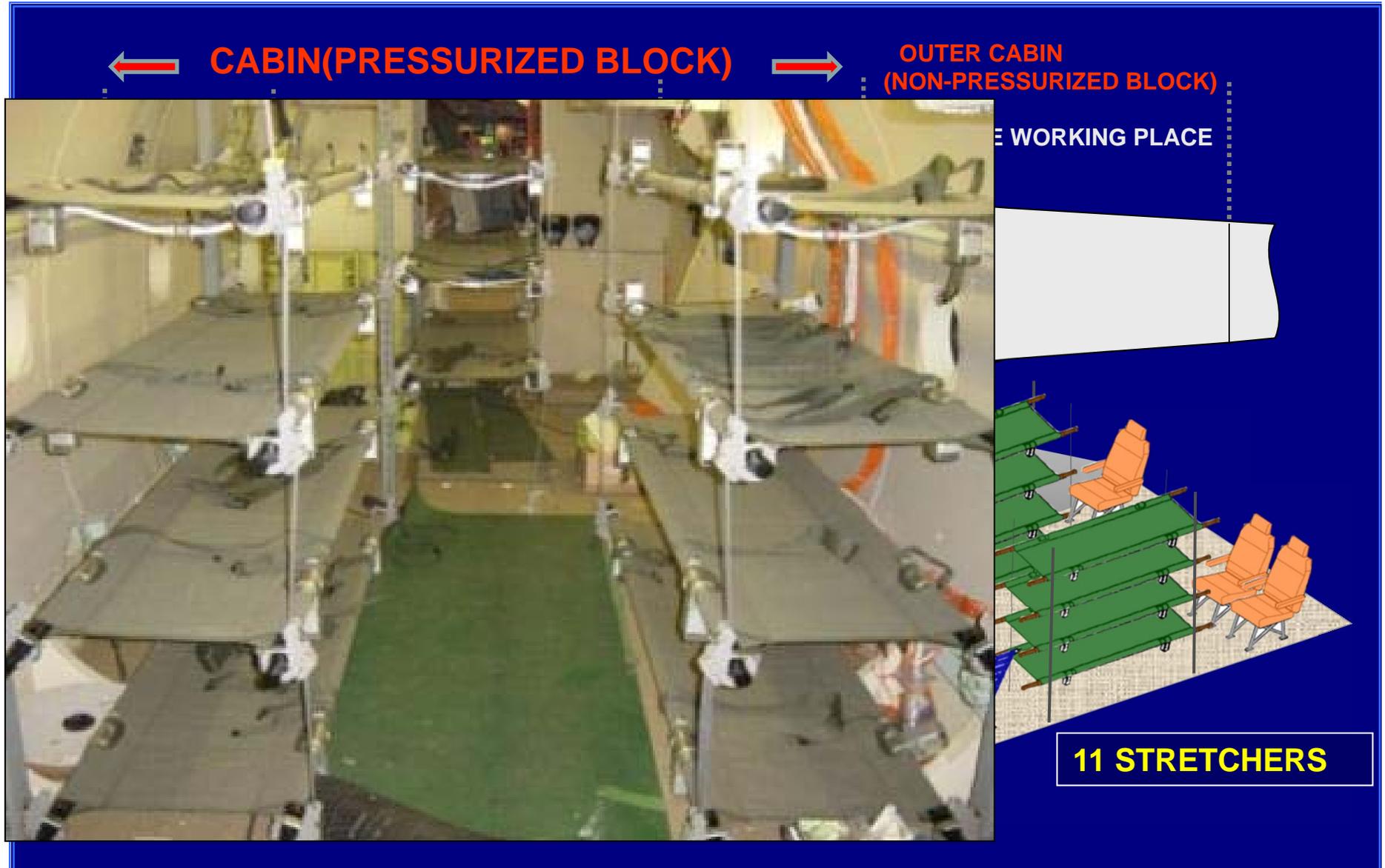
US-2 performance





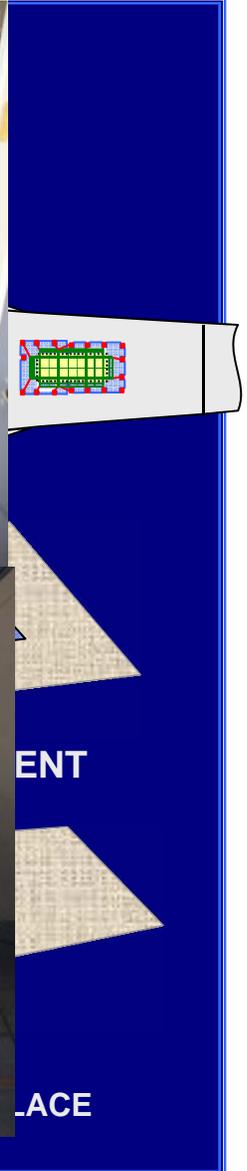
A form of inner US-2 (Resucue Form)

MEDEVAC type



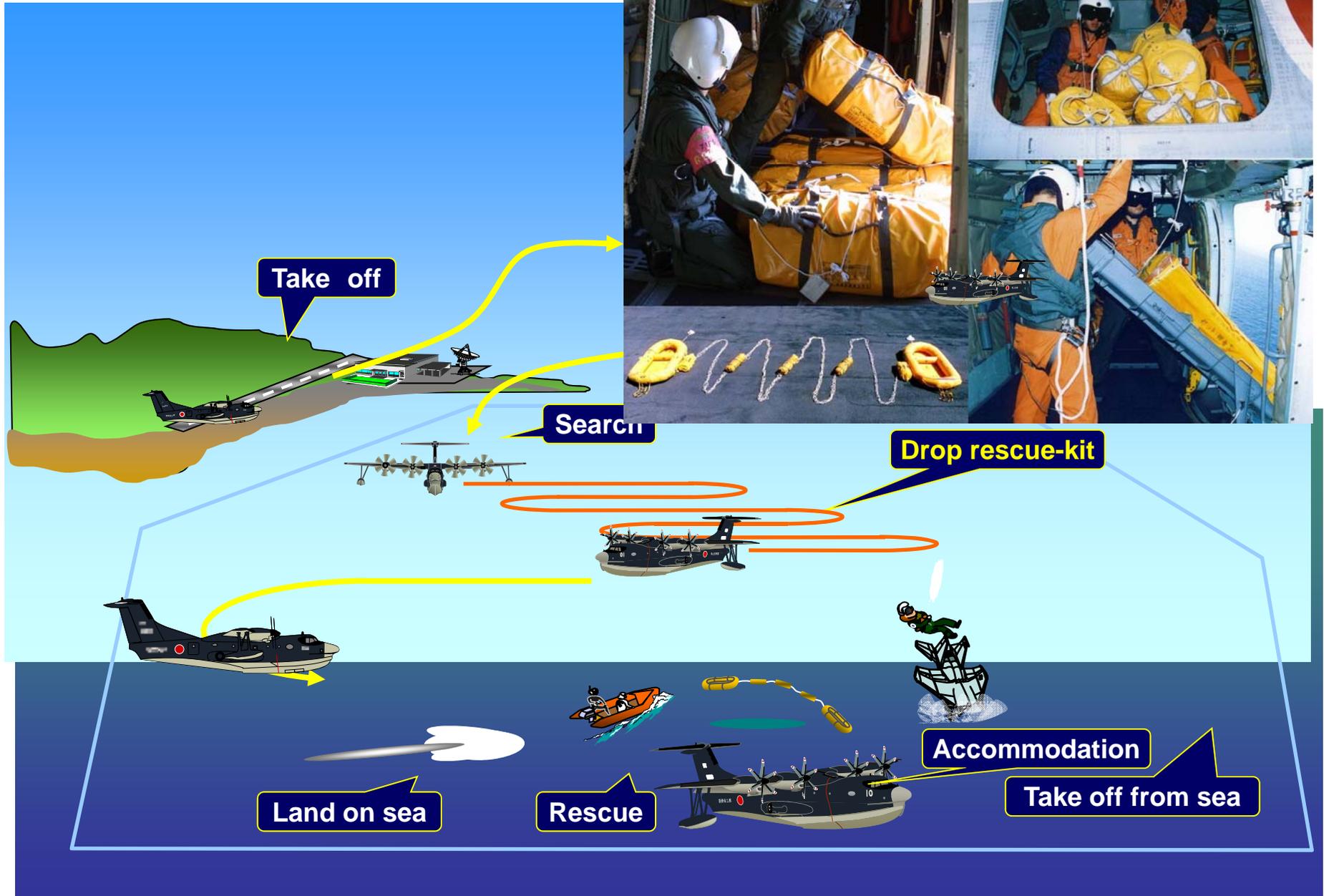


A form of inner US-2 (Cargo form)





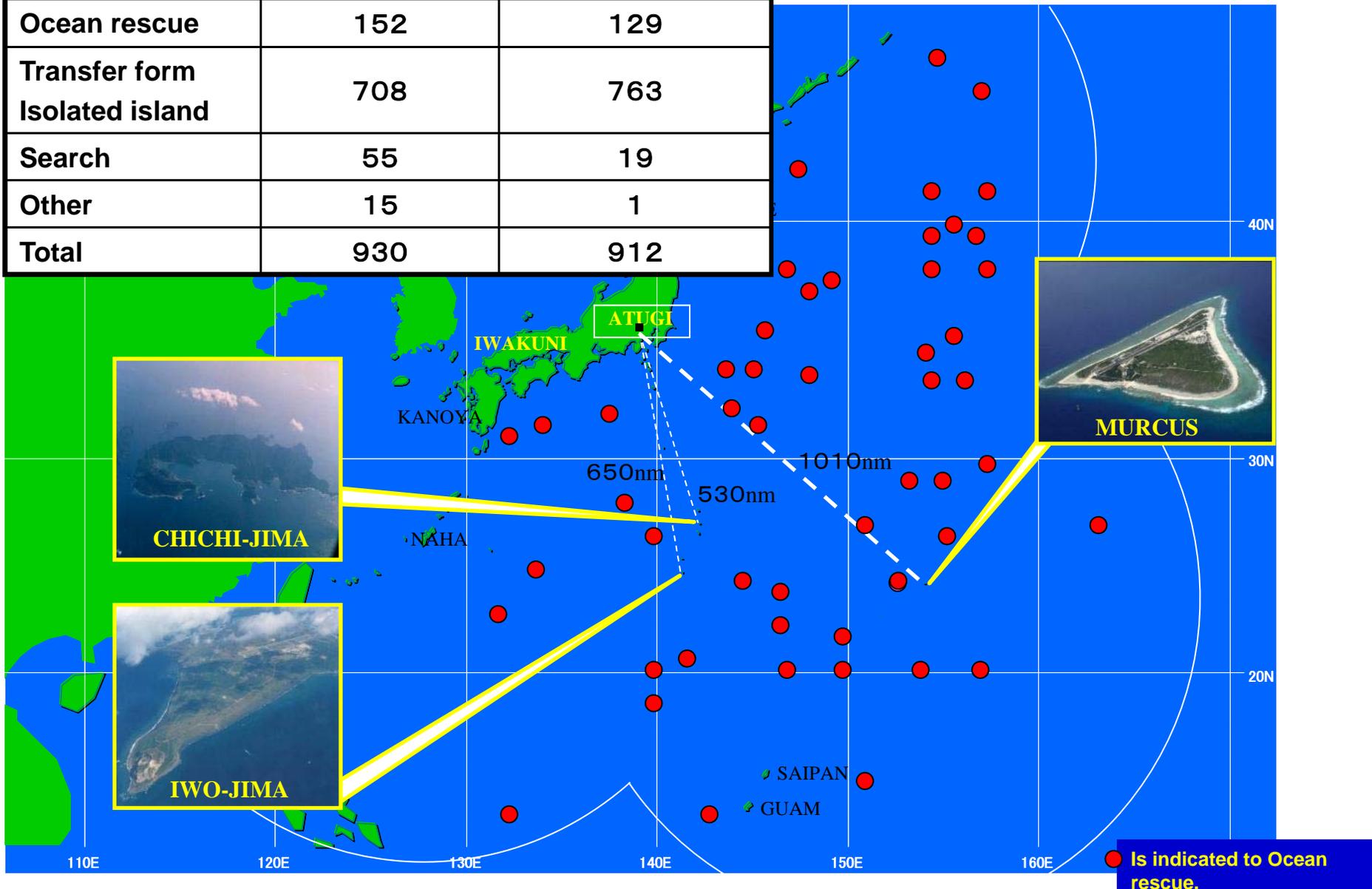
FLOW of RESCUE





Records of Rescue Service (US-1A/2)

Case of rescue	Saving times	Saving members
Ocean rescue	152	129
Transfer form Isolated island	708	763
Search	55	19
Other	15	1
Total	930	912





Records of Rescue Service (Fleet Air Force)

~August 28,2012

		2008	2009	2010	2011	2012
Transfer from isolated island		223 (24)	164 (16)	196 (18)	194 (30)	67 (9)
	Tokyo	49 (24)	43 (16)	50 (16)	76 (29)	18 (9)
	Nagasaki	116	82	96	72	30
	Kagoshima	52	37	41	38	16
	Others	6	2	9 (2)	8 (1)	3
Search		6	15	8	12 (1)	3
Ocean rescue		1 (1)	0	6 (6)	3 (3)	2
Others		13	21	21 (1)	46 (1)	5

() Inside shows the track record of US-1A/2



Transfer form Isolated island(Ogasawara islands/Tokyo)

Patient carrying in Points



**Patient carrying in
(US-1A)**



**Patient carrying in
(US-2)**



Transfer from Isolated island (Ogasawara islands/Tokyo)



Two patients are under conveyance

Crew member rescue/the eighth "Kokuseimaru"
 (21st 400th anniversary of the discovery of the Ryukyu Islands) (Southeast) January 12, 2011

0300	Take Off / Iwakuni
0630	On station
0703	Landing on the sea
0732	Take off from the sea
0933	Landing / Naha
0948	Patient extradition
1059	Take Off / Naha
1035	Landing / Iwakuni

