



# Borobudur Ship



Courtesy - Wikipedia

*The image of a ship on Borobudur bas relief*

A Borobudur ship is the 8th-century wooden double outrigger, sailed vessel of Maritime Southeast Asia depicted in some bas reliefs of the Borobudur Buddhist monument in Central Java, Indonesia.[1] This has been designated as a World Heritage Site by UNESCO. The ships depicted on Borobudur were most likely the type of vessels used for inter-insular trades and naval campaigns by the Sailendran and Srivijayan thalassocracy empire that ruled the region around the 7th to the 13th century. The function of the outrigger was to stabilize the ship; a single or double outrigger canoe is the typical feature of the seafaring Austronesians vessels. It is considered by scholars to have been the most likely type of vessel used for their voyages and exploration across Southeast Asia, Oceania, and the Indian Ocean.

In the late 20th century, Philip Beale, a British sailor, became interested in depictions of the ship at Borobudur and decided to reconstruct one. Aided by government and international bodies, he organized an expedition team that constructed the ship and, from 2003 to 2004, sailed it from Indonesia to Madagascar and to Ghana, proving that long-distance trade had occurred. The Samudra Raksa Museum was constructed at Borobudur Archeological Park to house the ship, opening in 2005, and provides other displays to interpret the ancient maritime history of Indonesians.



Courtesy - Wikipedia

*The reconstructed Borobudur ship as the centerpiece of Samudra Raksa Museum*



Courtesy - Wikipedia

On stamps  
This style ship has been memorialized on stamps: one image from the bas-relief on the temple, and the other to commemorate the Borobudur Ship Expedition of 2003-2004.

## Borobudur ship expedition

Based on archeological and other evidence, scholars have learned that the bas reliefs of Borobudur depict the everyday life of 8th-century ancient Java, from courtly palace life to that of commoners in the village. An array of temple, marketplace, architecture, flora and fauna, dress, jewelry and fashion are portrayed, as well as modes of transportation including palanquins, horse carriages and ships.

In 1982, Philip Beale, a British sailor who previously served in the British Royal Navy, visited Borobudur to study traditional ships and marine traditions; he became fascinated with ten bas-relief images of ancient vessels depicted on Borobudur.[2] He planned to reconstruct this ancient ship and to reenact the ancient maritime trade route.[3] Working from very limited data — five stone carvings — but also his extensive naval experience, Beale organized an expedition team to reconstruct the ship and sail it from Jakarta in Indonesia to Madagascar, and then around the Cape of Good Hope to the west coast of Africa. He enlisted artisan experts and scholars in the effort. The reconstructed Borobudur ship as the centerpiece of Samudra Raksa Museum

Extensive research and design work preceded the building of the ship by a team of experienced Indonesian ship builders, based in the Kangean Islands some 60 miles north of Bali. Nick Burningham, an acknowledged expert on Indonesian watercraft and maritime archaeology, supervised the building of the vessel. The ship was built by Assad Abdullah al-Madani, a seasoned Indonesian traditional ship builder, and his men, with little more than a balsa wood model that Burningham had created to help him. The vessel is named Samudra Raksa (defender of the seas) and was inaugurated in Benoa Harbor, Bali on 15 July 2003 by the Minister for Tourism and Culture of the Republic of Indonesia, I Gede Ardika, together with Philippe Delanghe, UNESCO Office Jakarta Program Specialist for Culture.

The expedition took place during the 6 months from August 2003 until February 2004. It started in Tanjung Priok harbour, Jakarta on 30 August 2003, launched by President Megawati Sukarnoputri, and arrived in the port of Tema, Accra, Ghana on 23 February 2004. The epic voyage demonstrated ancient trading links between Indonesia and Africa (in particular Madagascar and East Africa). Vessels traveled by what was historically called the "Cinnamon shipping route" from Indonesian waters across the Indian Ocean to the Seychelles, Madagascar, and then past South Africa to Ghana for trade.[4]

Today the Samudra Raksa is housed and displayed in Samudra Raksa Museum, located a few hundred meters north of Borobudur temple within the complex of Borobudur Archaeological Park. The Ship Museum Samudra Raksa was opened by Coordinating Minister for Welfare, Prof. Dr. Alwi Shihab of the Republic of Indonesia, on 31 August 2005. It was a tribute to the crew and all who worked with and supported the Borobudur Ship Expedition.

HE PUNINGA TAHI MATOU

WE COME of a COMMON ANCESTRY

1	VABHI	TO WEAVE
from 2	VĀ VĀCANA VACO VACI	SPEAKING SPEECH
3	VACANAṅ VI SAṅ	PUNA REPETITION on opposite Sides
4	VIVITA+KA	SOLITARY
5	VI+SARA VI+SATI VIS VES'A	MULTITUDE DWELLING PLACE [WHE-NUA]
6 from	VI SAYA VI+ŚI	LOCALITY
7	VIHI VIHARA VIHARAKA	RICE PADDY ABODE ROOM HUT
8	SITA SUPĀNA	COLD A DOG
9	SOCATI SE NĀSANA	TO GRIEVE [BUT SAIO of a GLEAMIN [FIRE SLEEPING SITTING
10	SETI SAYATI	TO DWELL BEHAVE
11	SETU = SI or SĀ	A CAUSEWAY

PAU	VA	BHI		
fr	VĀ			TO WEAVE
ASIN	NA	BHI		appears in Pas NABHI IN UNNANABH.
		VI	TA	[MĀORI WHAKAPETI COLLECT GATHER]
>	VA	YĀ	PETI	TO CAUSE TO BE WOVEN
	VA	YĀ	TI	TO WEAVE
from	VA			[MĀORI TI-WĀE DIVIDE CLEAVE]
See	TA	N	TA	SEPARATE = WA-E
>	VA	YĀ		WEAVING
>	VAY	ITA		WOVEN
>	VĀY	IMA		from VA WEAVING WOVEN
MĀORI		PI		HĀPIHĀ-IKĀ OPEN WORK PLAIT IN BASKETRY
	WHA	TU		WEAVE [TUI SEW]
	WA	WA	TA	LOOSELY WOVEN
			TĀ	NET
			TA	NIKO WOVEN EDGE of a MAT TO
	PA	KI		CLOTHING
	U	WHI		COVER COVERING
		WHI- WHI		Wind round fasten
*		WHIRI WHIRI		WEAVE PLAIT
		WHI- UNĀ		PLAITED BORDER of a MAT
		WHI- TIKI		TIE BIND
[	WHAI	HĀ	NEA	} Make Build Do busy oneself with.
	WAI	HĀ	NEA	
	WHAI	KORERO		FORMAL SPEECH i.e. WEAVING
	WHA	KĀU		Surround with a NET / CONSTRUCTING.
	WHA-	RA	NUI	a variety of glass for weaving
	WHA-	RA	RAHI	" " " "
	WHA-	RA	RIKI	" " " "
	WHA	RIMI		FLOOR MAT
	WHA	TUI		Lace or tie Together
	WHA	TU		WEAVE
	WHA-	U-	WHI	HONERIA POP i species other
		PI	RI	A CLOSELY WOVEN MAT as AMOUR
	TAN	I	KO	Woven border of a MAT
	PAE	PA	ERO	Cloak with ornamental Border
	PĀ	HĀO		NET
	PA	HĀHĀ		Become Dis engaged as glass FIBRES

	PAU	VĀ	CA	NA	NT SPEAKING UTTERANCE WORD
	>	VA	CO		SPEECH WORDS [BIDDING
	>	VA	CI		
	MĀ	KA	U	DE	RUNGA KNOWLEDGE of the CELESTIAL
I		<del>KA</del>	<del>NA</del>	<del>PE</del>	<del>NOT NO</del>
	WHAI	KO	RERO		FORMAL SPEECH
		KA	RA	KI A	See.
II		<del>KA</del>	<del>NOI</del>		<del>AUTHORITY POSITION</del>
III		KA	KA	NEA	SLAVE
			NA	HE	ANCIENT TIMES
	TA	KI			RECITE
		KI			Say tell tell of mention word.
	PUA	KI			BE UTTERED
	WA	-	NA	-NEA	KNOWLEDGE SACRED
		MA	NA		AUTHORITY POWER,
	>	VA	CA	NAG - PU	REPETITION
	MĀ			NA	TWICE TOLD WISE ONE
				PŪ	FLUTE GUN
	WHĀ	KA	-	PŪ	MAKE A LONG CONTINUOUS
					WAIL or SOUND HOWL as a DOG
				- PUA	FLOWER SEED
See				- PU - RUSA	Comic man, 1 to
MĀ				RU - A	2 Bath
				- PU - A RERO	DECOY BIRD
				- PŪ - KAKA	DIRECT or LINED DESCEN
				- PŪ KANI	DIVIDED as a STREAM
				- PURUA	DONE IN PAIR'S
				- PUNA	ANCESTOR
				- PUNA - RUA	HAVING 2 W
PAU	VA	CA	NAG - PU	NA	REPETITION
					PUNA - U - NAU SELF SOWN POTATO
					PUN OTINOTI TIE IN BUNCHES
					PU REI PATCHES of CLOUD or
					[MIST]
					PU - RI Deep in the memory,
					PU RU Close curly of Hair
					PU TA BE BORN

638 PALI  
SK  
or

VI SAG  
VI SU  
VI SVA

' IS P PREFIX corresponding TO SK  
VISU. IN MEANING  
DIVERGING ON OPPOSITE SIDES  
APART AGAINST

[° VA DET 1]

only in compounds °VADETI ITO LIT  
= TO SPEAK WRONG OR TO DECIEVE

MAORI

WHI - TI  
WI - TA

SHINE UPON

FENCE of a PA OUTSIDE  
MAIN FENCE

WI - NI

a dark variety of KUMARA a  
variety of glass with PURPLE EDGE  
DREAD TERROR

WI - NIWINI

WHI A = HI A

fall in love with

WHI - RI NEA

fold hands behind back as  
a TAPU PERSON being fed  
EMACIATED

WHI RO KI

UNPRODUCTIVE of SOIL  
EVIL BAD BADLY BEHAVED

WHI RO

WHI - TI

Cross over reach the opposite  
Return present [shore]

HAN GA

people

HAN GAI

OPPOSITE CONFRONTING

WHAKA WHITI

Convey across EXCHANGE  
Return present

HU NA ONGA SON or DAUGHTER IN LAW

HU NA MOON or 10th DAY

HU - KORE DEVOID of DESIRE

HUI taken plunder

HU KA COLD DAWN

HU AURI having offspring

HU AMI ATTACK

HUA Name call by Name.

HUA BUTTOCK'S

HUA full of Moon.

HAN - I Speak ill of

HAN GA REKA DECIEVE

HAN GO RNI UN RIPE





PAU MĀCŪ	VI +	SA RA HA RA HA NEA = SA NEA RA PA RA HA KERĒ		MULTITUDE Excess over a Round number People property COMMUNITY Resound. BLOOD RELATIVES MULTITUDE
PAU	VI	SA TI		DWELLING PLACE
* Eng	VI VIS VE	S-A		
	WI	CK		in WARWICK ITO
		HA	NEA TI A	people MOTHER
		HA	TI KE	measure ground plans of a house
		HA	MOKO	thatch for a House
		HA	KUI	Mother
		HA	KORO	Father
		HA	MUA	Elder Brother or Sister
* =	WHE	-NUA		LAND COUNTRY
	VE	-A		DWELLING PLACE
TANGATA	WHE	-NUA		PEOPLE of a PLACE
	WHE	AU		STAY REMAIN
	WHE	TA		OCCUPY A PLACE arrive at
	WHE	TUI		LAND EXHAUSTED BY CULTIVATION
		A		land home ITO see.
	WHI	TU		7th SEE!!!
	WHI	U		Be gathered together
	WHI	WHI		MEASURE OUT PLANS of a HOUSE
	PI	HE		PREPARE FOOD [possessed of]
	WHI	WHI	NEA	BOUNDARY CIRCUIT
	PI	HA	NEA	WINDOW
* =	PE	-I		DRIVE OUT BANISH
	PE	H-I		Sill of a Door frame
	PE	NA		take care of TENO HUSBAND
	PE	PEREKOU		PRESERVE KNOWLEDGE OLD PERSON
	PE	RE		HOE for cultivating Soil
	PE	RU		Caves of a House

PPU 639  
from

VI SA YA  
VI+ SI

LOCALITY SPOT REGION WORLD  
REALM PROVINCE NEIGHBOURHOOD  
often in combination with -  
PETTI  
or PITTI

and PETTIKA = THE WORLD of the  
MANES or PETAS  
I THE WAY of the FATHERS  
Native or proper heat or Range  
II Reach. Sphere [of Senses]  
Range Scope attribute

maere

HA NEA  
HA RO  
HA RI  
HA PORI  
HA PUI  
HA NEI  
HA MOKO  
HA KOKE  
HA HORE

people property make build  
VAULT of HEAVEN  
Dance Sing Joy  
Section of a CLAN  
Bethrothed  
Earth Oven  
Thatch for a House  
Wander  
BARREN of LAND

WHAKA

HA ERE  
HA HUKI  
HA EORATU  
HI KA  
HA HA

TIKANGA Direct Superintend GOVERN  
KUMARA PIT  
high pitched of a Roof  
PLANT Capulate  
See book for ash engine procure

\*

TAKA

HI  
HA I  
= HB I  
A HI  
A HI KI  
A HI  
HI AMOE

TRAVERSE LAND TO CLAIM OWNERSHIP  
AT IN of TIME i PLACE  
for to as (denoting purpose intention)  
FIRE  
footstep  
Beget  
SLEEPY

WHAKA

HI ATO  
HI E  
HA HA  
HI HI  
HI KOHIKO

Be gathered Joy ether  
SHOW AT TO DRIVE AWAY  
SHOW AT TO DRIVE AWAY  
Front Gable of House.  
Recite Genealogy  
Wife

WA

HI NE

PAU 644 MAERI	VI	HI	HI - KA	RICE PADDY PLANT
	VI	HA	RA	STAYING IN A PLACE ABOO
	VI	HĀ	RA KA	ROOM HUT
=	VI	HA	RA	
		WHA	-RE	HOUSE
		HA	NOKO	THATCH of a HOUSE
		HA	NGA	PROPERTY
			KA	HOME
		RĀ	KA-U	WOOD TREE STICK SPAR
		RA	TA	familiar friendly. [I TO
		RĀ	KA-UMA-TOHI	MOON ON
				18 TI TO AY
				[ie LUNAR MANSION ?]
		RĀ	KA	Adorn Bedeck
		RĀ	ITE	Small enclosure fenced.
		RA	KA TŪ WHENUA	the BIRTH
				= V E-SA DWELLING PLACE
	WHA KA	RA	KE	Clear the land.
				[KSHE - see]
PAU 545 PAU 545		YAK	KHA	
		THE		ENTRANCE TO A
				VIMANA BY MEAN'S of
				a DRIED UP RIVERBED
		HA	ERE	A SPIRIT RESIDING IN
				DETACHED CLOUDS or
				fragmentary Rainbows
		HA	ERE	Come go Be diffused Becom
PAU 712 PP MAERI	SĪ	NA	and	SITA = COLD
	SĪ	YATI	SIK	SINA] CONGEALED. COLD FROSTY
	HI	HIK	WI	SHIVER here as omen before battle
	HI	HI		Ray of SUN [HI DAWN]
		NĀ	KU	PIERCING COLD
	HI	NA		SHINE WITH A PALE LIGHT
	HI	POK	I	COVER AS WITH A GARMENT [Moon person]
	HI	WU		OIL FAT

PAU772 SI TA  
 PAU772 SI NA  
 HI NU  
 AHI  
 HI HIKIWI  
 HI NA  
 NA KU  
 HI HI  
 TA U  
 TA KA  
 PA HI

COLD  
 COLD FROSTY CONGEALED  
 OIL FAT  
 FIRE  
 SHIVER [ here as omen before  
 Lbatte  
 SHINE WITH A PALE LIGHT  
 PIERCING COLD  
 DAWN  
 SEASON YEAR  
 Come Round as a Date or Time  
 Gloomy disquieted

PAU779 SU PA NA  
 = SU VA NA  
 MAORI WHAKA - NGA HU  
 WHAKANGA HU  
 PA RI  
 PA HU  
 PA HU  
 NA NE  
 WA ERO  
 HU ME  
 HU RU

A DOG  
 HUNT WITH DOGS  
 HUNT WITH DOGS  
 BARK AS A DOG  
 BARK AS A DOG  
 BARK AS A DOG  
 DOG  
 HAIR of a DOGS TAIL  
 CLOAK of DOG HAIR  
 stuck the tail between the  
 legs as a Dog  
 HAIR WHITE DOGSKIN MAT

BARABUDUR PAGE 43  
 Merah Silu at Rimba Jeram went hunting with  
 his DOG CALLED - SI-PA-SAI  
 > SI-PA SAI  
 MAORI PA HU  
 PA RI  
 He named the PLACE  
 SE MU DORA = Giant Ant  
 MU INSECT

See MAORI HAI principle (stone)  
 Bark as a Dog. [in game of RUVU  
 Bark as a Dog.

See BARABUDUR PAGE E for  
 SAILENDRA DYNASTY tried in 767/774/789  
 TO ESTABLISH them selves without success on the  
 East Coast of

INDO CHINA

PAU	SO	CA	TI	TO GRIEVE
VEOC	SO	CA	TI	[Said of one gleaming of a fire]
	SU	C		
>	SO	KA		
from	SU	C		[TO GLEAM] LATER = BURNING GRIEF
VED	SO	KA		FLAME of a FIRE
MAAra	HO	KA	KA	DESIRE HUNGRY
=	-O	KA	KA	
	HO	KE	HOKE	SOLITARY LONELY
	HO	KEKA		FRENZY
	HO	KA		PIERCE
	HO	HU	HO. HU	SOB VIOLENTLY
	HO	KO		LOVER
	HU	KA		LAST MAN SLAIN IN BATTLE
	HU	K-1		Avenge a Death
		KA	HU	STILLBORN ENFANT
A	HO			Radiant Light Shine
A	HU			Sacred Mound
PAL723	SE	NASANA	NT	SLEEPING - SITTING
	SAYANA	ASANA		BED - CHAIR DWELLING
	SE	NASANA - GAHA	PAKA	HOUSE STEWARD
MAAra	HEI			AT ON IN WITH of TIME or PLACE
	HAI		HA MOE MOE	SLEEPY DOZE
	HE	A		WHAT PLACE any place every place
WIAKAHEI				GO TO MEET WELCOME
			PAKA	COOK PROVISION'S
			PA IN A	WARM ONESELF
			PA	term of address to male Elder
			PA E	Be collected together ready
			PA ENGA	SITE of BUILDINGS [for use]
			PAE	BE LAD TO the CHARGE
		HAN	EA NEA	Pleasant Comfortable [of ANYONE]
		HAN	A	Shine glow give forth heat
			NEA RE	FAMILY GROUP
WIAKA	-	NA	-NA	REST REMAIN

PALI ANO	SE TI SA YATI SA YA				TO DWELL BEHAVE TO LIE DOWN SLEEP TO BE IN ] [A CONDITION LYING SLEEPING
=	SE NA SA YANA				
>	SE NĀ SAN A SAYANA + Ā SAN A				SLEEPING i SITTING
				- GĀHA	allotment of LODGING PLACES
				- GĀHĀ PAKA	HOUSE STEWARD AT IN WITH of TIME or PLACE WHAT PLACE ? GO TO MEET WELCOME
MARU =	HE I HA I HE A				PA Male Elder PA E BELONG TO THE CHARGE of ANYONE PAKA COOK PROVISIONS PAE be collected together Ready for use PA ENA SITE of BUILDING PA INA WARM ONESELF
WHAKA	HE I				
				HAN - E - ANEA	PLEASANT COMFORTABLE REST REMAIN
WHAKA	HA	NĀ	- NĀ	NGA	PROPERTY PEOPLE FAMILY GROUP
				NEARE	
				HAN - A	SHINE GLOW GIVE FORTH - SLEEPY DOZE [HEAT. a/spring Mother
	HA	MOE MOE ATI TI - A TI - E KE Ā HA KU HAN CA			Measure ground plains of MINE [a house make build property prop of belong to possessed by CALM SHELTERED HAVEN ] See >>> ] [Comfortable] KĀ HOME FIRE NO
See for				A H - U - RU AN A	

PĀLI	SE	TU			A CAUSEWAY
VEO	SE	TU			
=	SĪ				
or	SĀ				
op. PĀLI	HAĒ	TU			
ACS	SA	DA			ROPE
MĀORI		TU-	KU		SHORE CONSTRICTION of a HILL
PĀLI	SE	TU-	KĀ	RAK A	A BRIDGE MAKER ONE WHO PAVES the WAY
MĀORI	HE	KE			MICRATE
	HE	A			what place?
	HE	I			Satisfy an obligation
	HE	I			Be BOUND or ENTANGLED
	HE	I	NGĀ		parent ANCESTOR
		TU	ATA		perform various RITES
WHAKA	HE	KE			ROPE
	HE	KE	TORO		e FAIRY,
		TU	KU		SPACE BETWEEN PĀ DEFENCE'S
	HE	RE			FASTEN WITH CORDS
	HE	RE			GUIDE CONCILIATE
		TU	ONE		BEACH [PROPRIMATE]
	HE	RU			Begin to FLOW of the TIDE
	HE	U	ETA		Be made free from TĀPU
	HĪ				Lead a Song DAWN
	HI	HI			Ray of SUN
		TŪ	TŪ		MESSENGER
		KĀ	RA	KĪ A	'PRAYER'S
	HI	HI			STITCH BIRD
WHAKA	HI	HI			part of a fishing net
TAKA	HI				transverse land to claim
	HI	KI			CONVEY [ownership]
	HI	KI			Seam between 2 mats
	HI	NON	GA		Doing undertaking
	HI	WAI			OPEN WATER IN A SWAMP
	HI	WI			RIDGE of a HILL
	HI	WA			a rite recited over a
	HI	WI			New born child i.e. KARAKIA
					LINE of DESCENT [PRAYER]