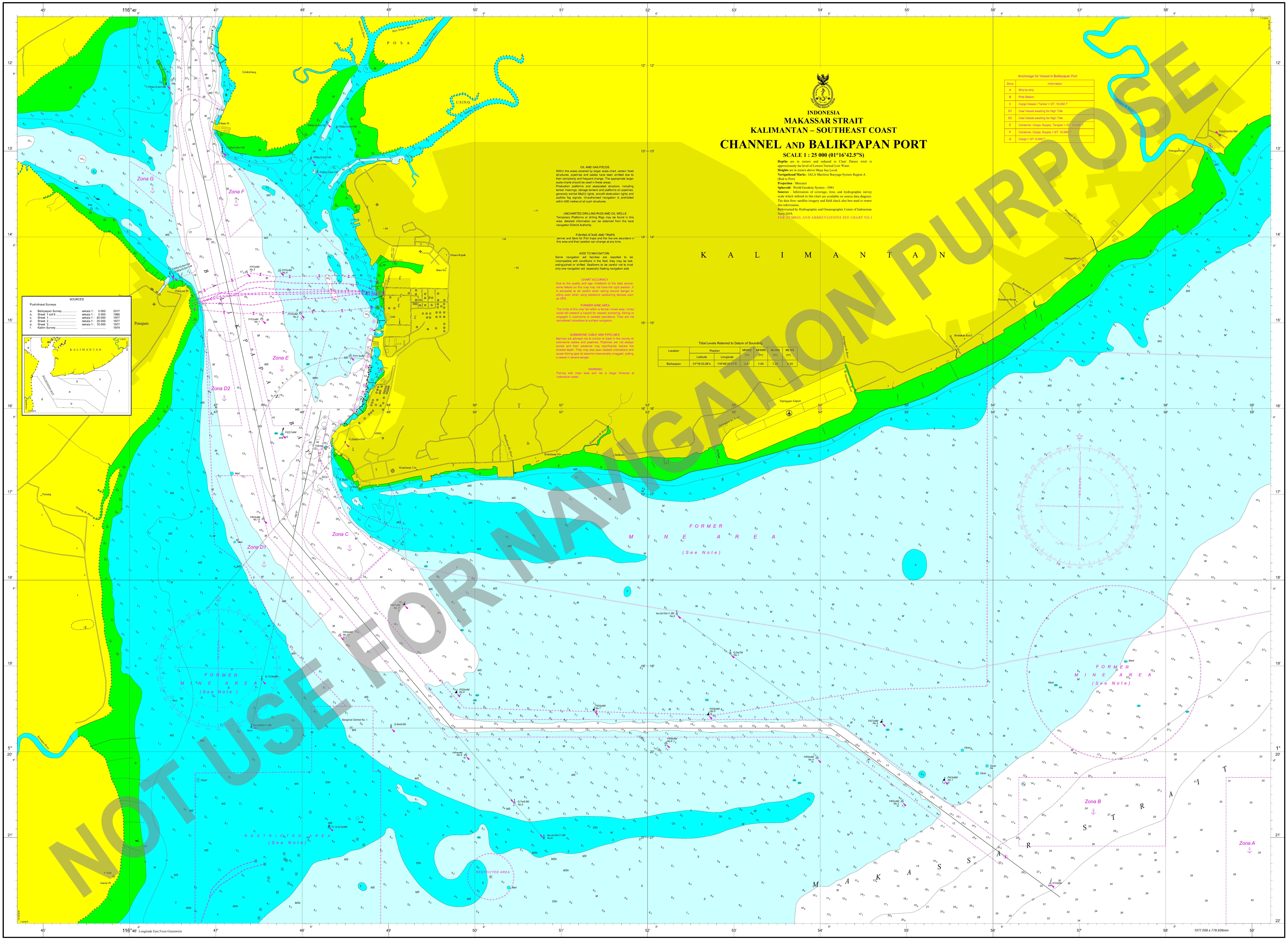
WGS84 POSITIONS
Can be plotted directly on this chart

IMPORTANT FOR CAUTION
Always use the largest scale chart appropriate and keep charts and publications update.

Notices to Mariners (Annual, permanent, preliminary, and temporary); **Chart no.1** (Symbol and Abbreviations); **Sailing Directions** (Part 1, 2, 3 dan 4); **List of Lights and Fog Sygnals** and other publications; **Tide Tables or their digital equivalents.**

DEPTHS IN METRES



INDONESIA

MAKASSAR STRAIT
KALIMANTAN – SOUTHEAST COAST
CHANNEL AND BALIKPAPAN PORT

SCALE 1 : 25 000 (01°16'42.5"S)

Depths are in meters and reduced to Chart Datum wich is approximately the level of Lowest Normal Low Water.
Heights are in meters above Mean Sea Level.
Navigational Marks : IALA Maritime Buoyage System Region A (Red to Port)
Projection : Mercator
Spheroid : World Geodetic System - 1984
Sources : Information of coverage, time, and hydrographic survey scale which utilized in this chart are available on source data diagram. The data from satellite imagery and field check also ben used to renew this information.
Reformatted by Hydrographic and Oseanographic Center of Indonesian Navy 2019.
FOR SYMBOL AND ABBREVIATIONS SEE CHART NO.1

OIL AND GAS FIELDS

Within the areas covered by larger scale chart, certain fixed structures, pipelines and cables have been omitted due to their complexity and frequent change. The appropriate larger scale charts should be used in these areas.
Production platforms and associated structure, including tanker moorings, storage tankers and platforms on pipelines, generally exhibit Mo(U) lights, aircraft obstruction lights and audible fog signals. Unauthorised navigation is prohibited within 500 metres of all such structures.

UNCHARTED DRILLING RIGS AND OIL WELLS

Temporary Platforms or drilling Rigs may be found in this area, detailed information can be obtained from the local navigation District Authority.

FISHING STAKE AND TRAPS

Jermal and Sero for Fish traps and the like are abundant in this area and their position can change at any time.

AIDS TO NAVIGATION

Some navigation aid facilities are reported to be incompatible with conditions in the field, they may be lost, extinguished or shifted. Seafarers to be careful not to trust only one navigation aid, especially floating navigation aids

CHART ACCURACY

Due to the quality and age limitations of the data source, some details on this map may not have the right position. It is advisable to be careful when sailing around danger or silting even when using electronic positioning devices such as GPS.

PORMER MINE AREA

The limits of this char fall within a former mined area; mines could still present a hazard for vessels anchoring, fishing or engaged in submarine or seabed operations. They are not considered hazardous to surface navigation.

SUBMARINE CABLE AND PIPELINES

Marines are advised not to anchor or trawl in the vicinity of submarine cables and pipelines. Pipelines are not always buried and their presence may significantly reduce the charted depth. They may also span seabed undulations and cause fishing gear to become irrecoverably snagged, putting a vessel in severe danger.

WARNING

Fishing with trawl boat and net is illegal fisheries at Indonesian water.

Tidal Levels Reterred to Datum of Sounding

Location	Position		MHWS (m)	MHWN (m)	MLWN (m)	MLWS (m)
	Latitude	Longitude				
Balikpapan	01°16'23.58"s	116°48'20.31"E	2.47	1.55	1.25	0.33

Anchorage for Vessel in Balikpapan Port

Zona	Information
A	Ship to ship
B	Pilot Station
C	Cargo Vessel / Tanker > GT. 10.000 T
D1	Coal Vessel awaiting for High Tide
D2	Coal Vessel awaiting for High Tide
E	Container, Cargo, Supply, Tangker < GT. 10.000 T
F	Container, Cargo, Supply < GT. 10.000 T
G	Cargo < GT. 5.000 T

SOURCES

Pushidrosal Surveys

a.	Balikpapan Survey ……………	sekala 1 :	5 000	2017
b.	Sheet 1 s/d 6 ………………..	sekala 1 :	5 000	1985
c.	Sheet 1 ………………………	sekala 1 :	50 000	1977
d.	Sheet 2 ………………………	sekala 1 :	25 000	1977
e.	Sheet 3 ………………………	sekala 1 :	10 000	1977
f.	Kaltim Survey…………………..	……………………		1974

1077.059 x 778.939mm

Customers Information
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