

The background of the slide is a solid dark brown color with a pattern of lighter brown, semi-transparent autumn leaves scattered across it. The leaves vary in size and orientation, creating a textured, seasonal feel.

CONTEAM COURSE

PART II

Container numbering

The background of the slide features a pattern of stylized, overlapping leaves and branches in various shades of brown and tan, creating a textured, organic appearance.

Container Ship Stowage Plans & Numbering System

Bays, Rows & Tiers

bays are the container blocks in the transverse direction,
rows are the lengthwise rows
and tiers are the vertical layers.



Bay Numbering

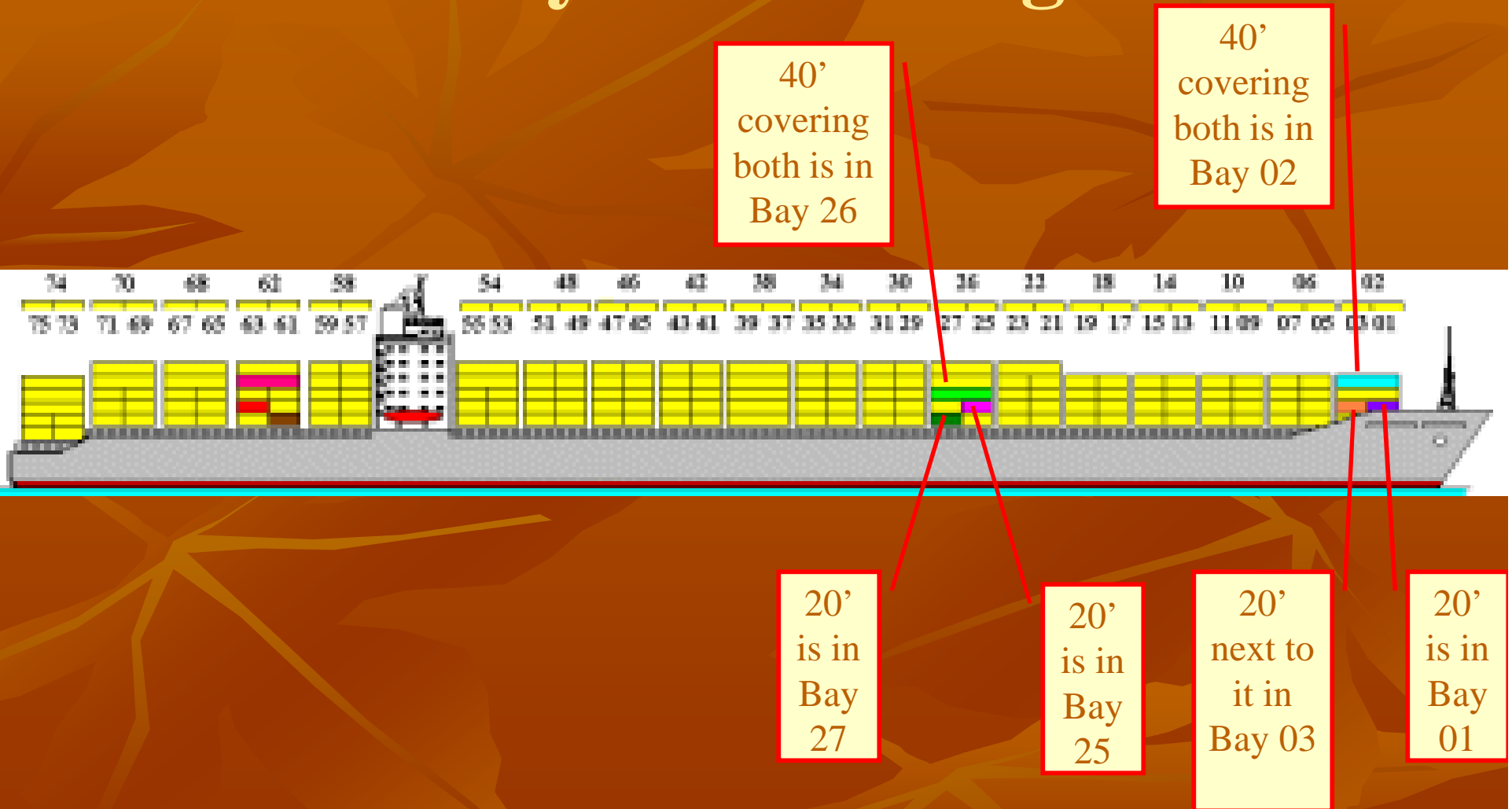


Since, however, the ship can transport both 20' and 40' containers,

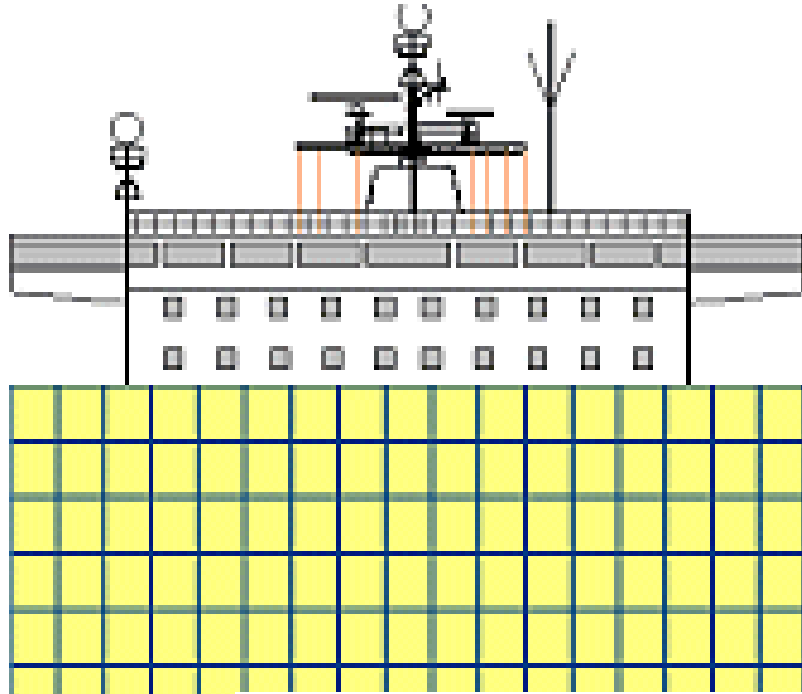
Bays for 20' containers are numbered throughout fore to aft with odd numbers, i.e. in this case 01, 03, 05 and so on up to 75.

Bays for 40' containers are numbered throughout with even numbers: 02, 04, 06 and so on up to 74.

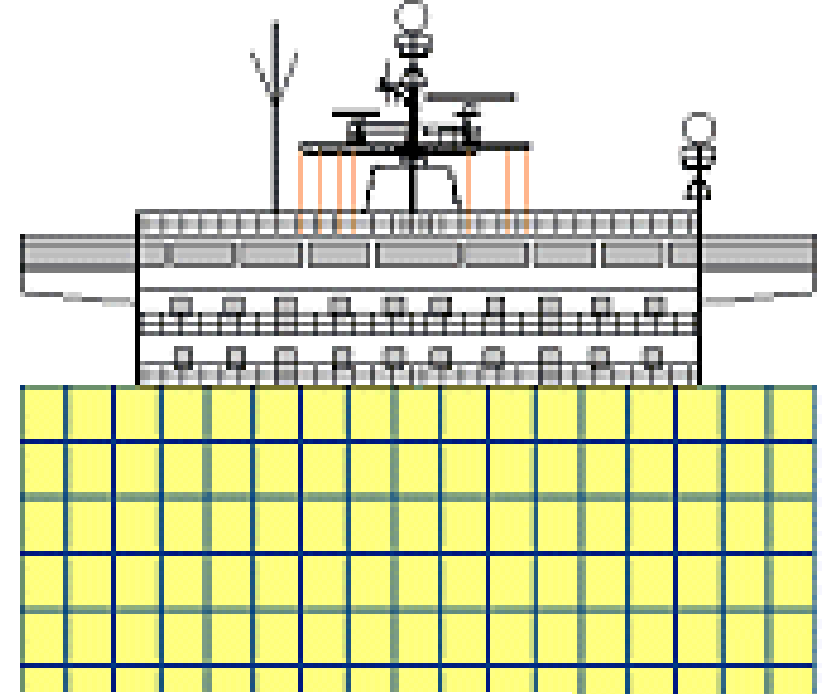
Bay Numbering



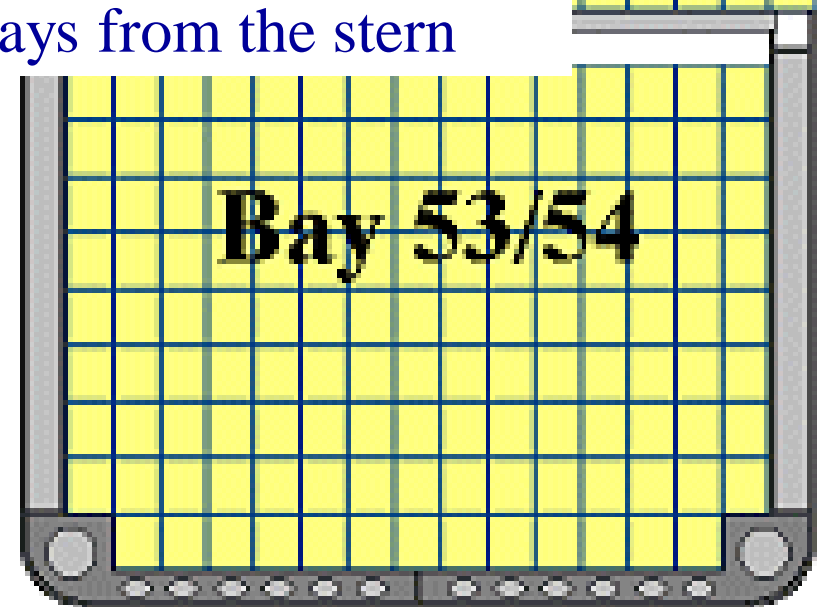
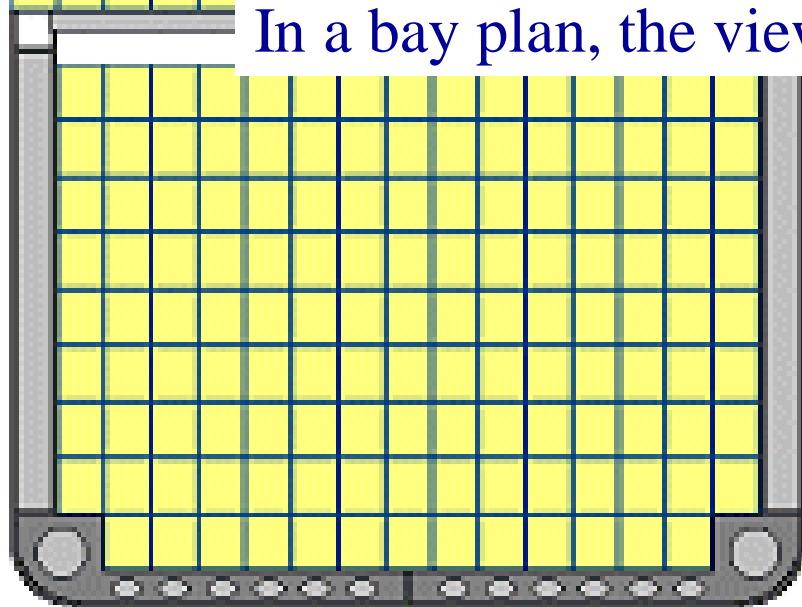
View from bow



View from stern



In a bay plan, the view is always from the stern



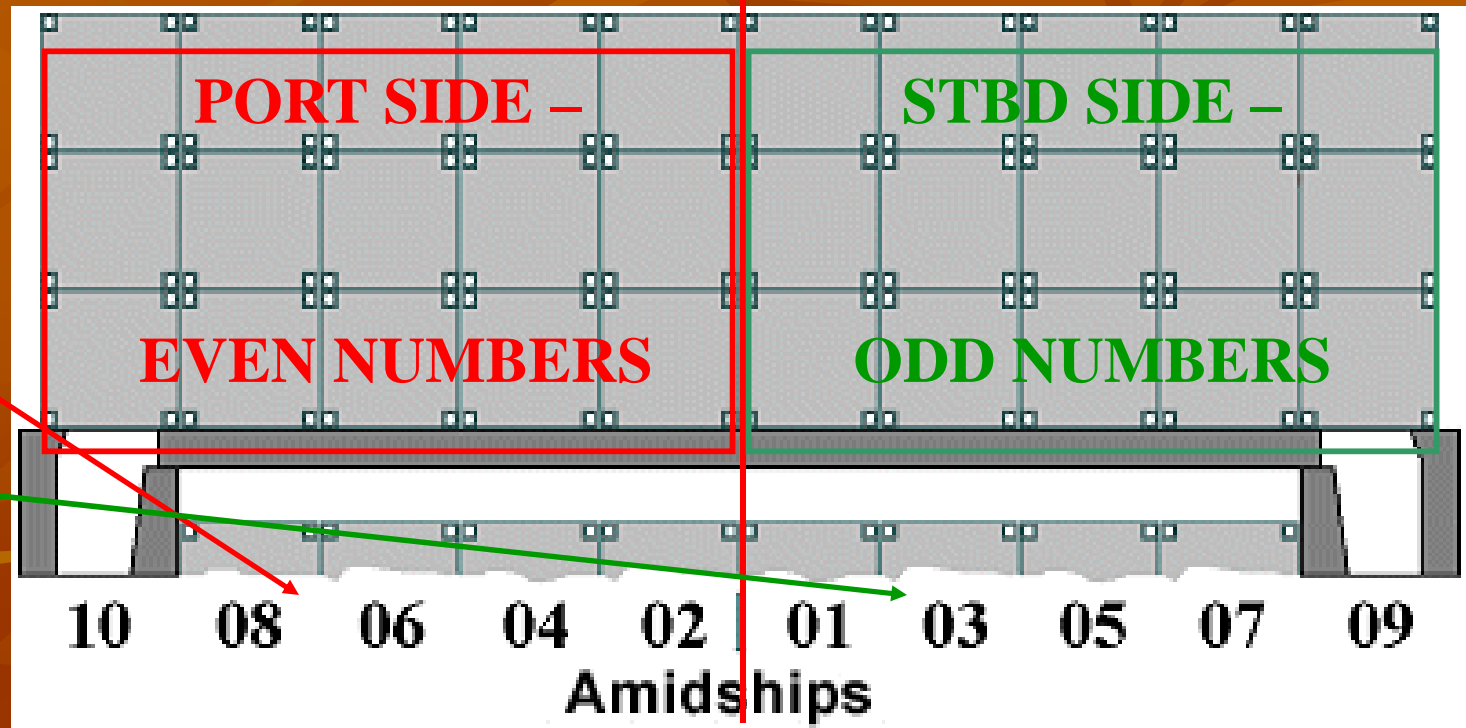
Now let us discuss – ROW NUMBERING

CENTRE LINE

How Rows are numbered :

From Centre to Port side – even numbers

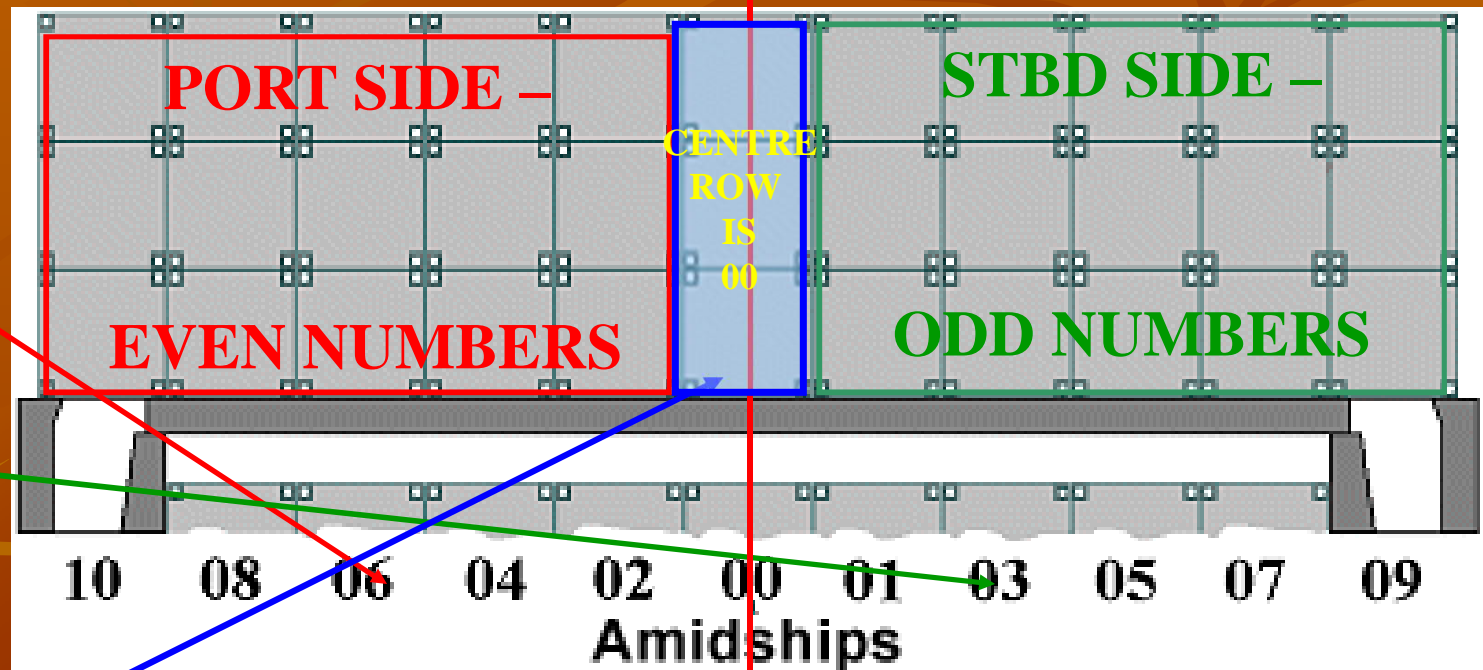
From Centre to Stbd side – odd numbers



In this example, there are an even number of Rows (8). What happens when there are an odd number of Rows – let's say 9 ?

ROW NUMBERING

CENTRE LINE



How Rows are numbered :

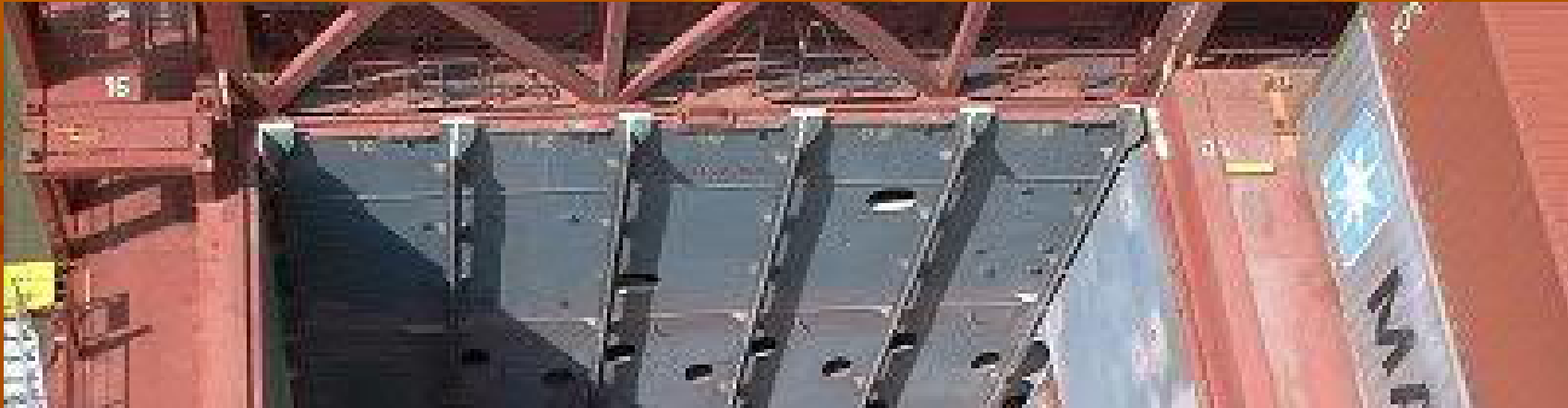
From Centre to Port side – even numbers

From Centre to Stbd side – odd numbers

And Centre Row is numbered 00

When there are an odd number of Rows, centre Row is numbered 00

ROW NUMBERING



Actual View of Port side Rows (with numbers stencilled on for easy reference)



Actual View of Stbd side Rows (with numbers stencilled on for easy reference)

ROW NUMBERING

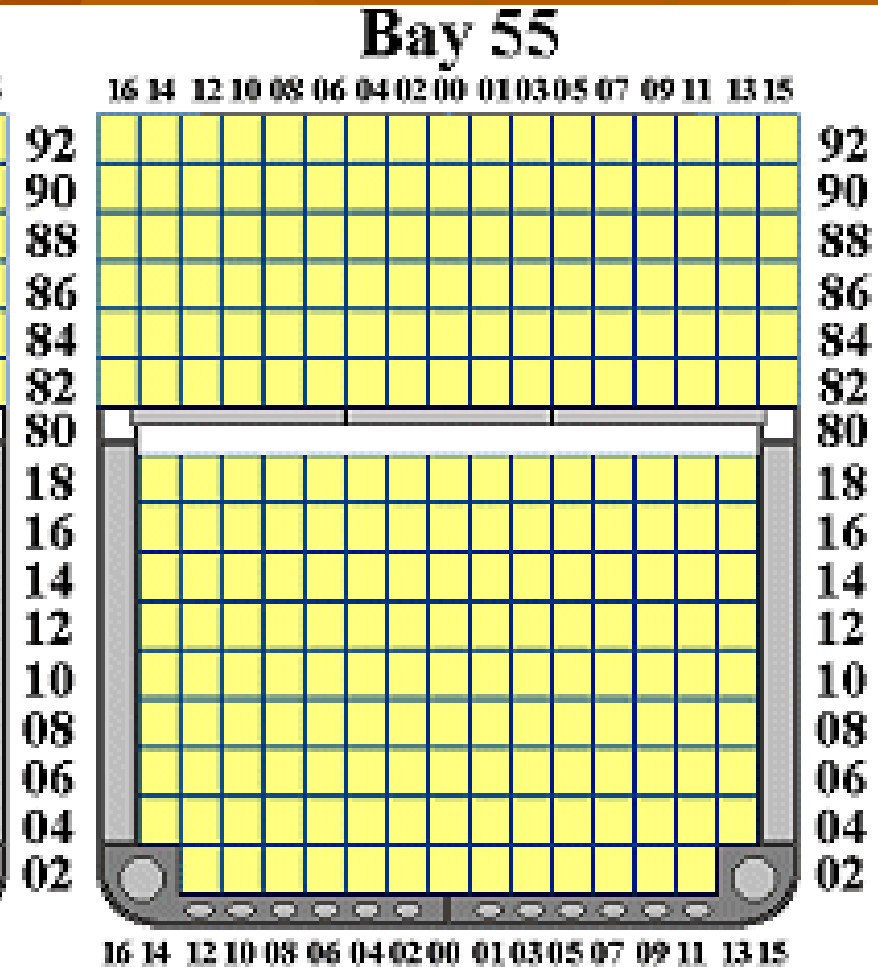
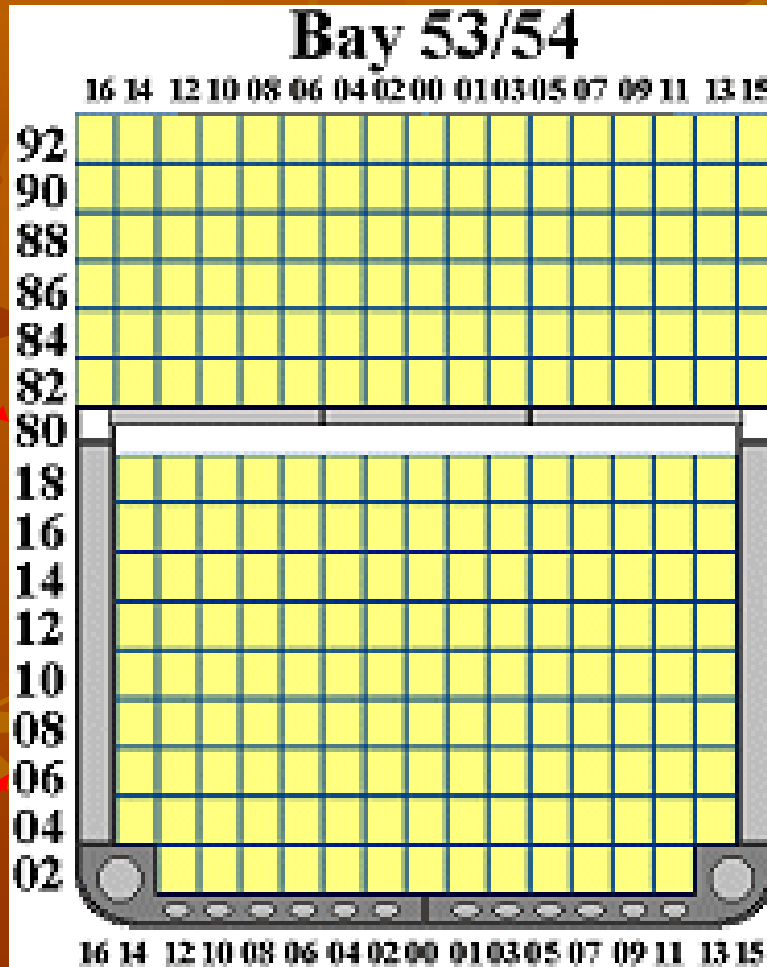


ROW NUMBERING – PRACTICAL VIEW (As seen from Aft always)

And finally - TIER NUMBERING

Tiers on deck start with 80 and increase by 2 – 80,82,84 etc

Tier numbers start with 02 from the keel and increase by 2 – 02,04,06 etc



TIER NUMBERS ARE ALWAYS EVEN NUMBERS, 02 STARTS FROM THE KEEL (GOING UP), 80 STARTS FROM MAIN DECK (GOING UP)

TIER NUMBERING



PRACTICAL VIEW OF TIERS ON DECK

ALL THE NUMBERS

40' BAYS=02,04,06 (even numbers) , **20' BAYS**=01,03,05 (odd numbers)

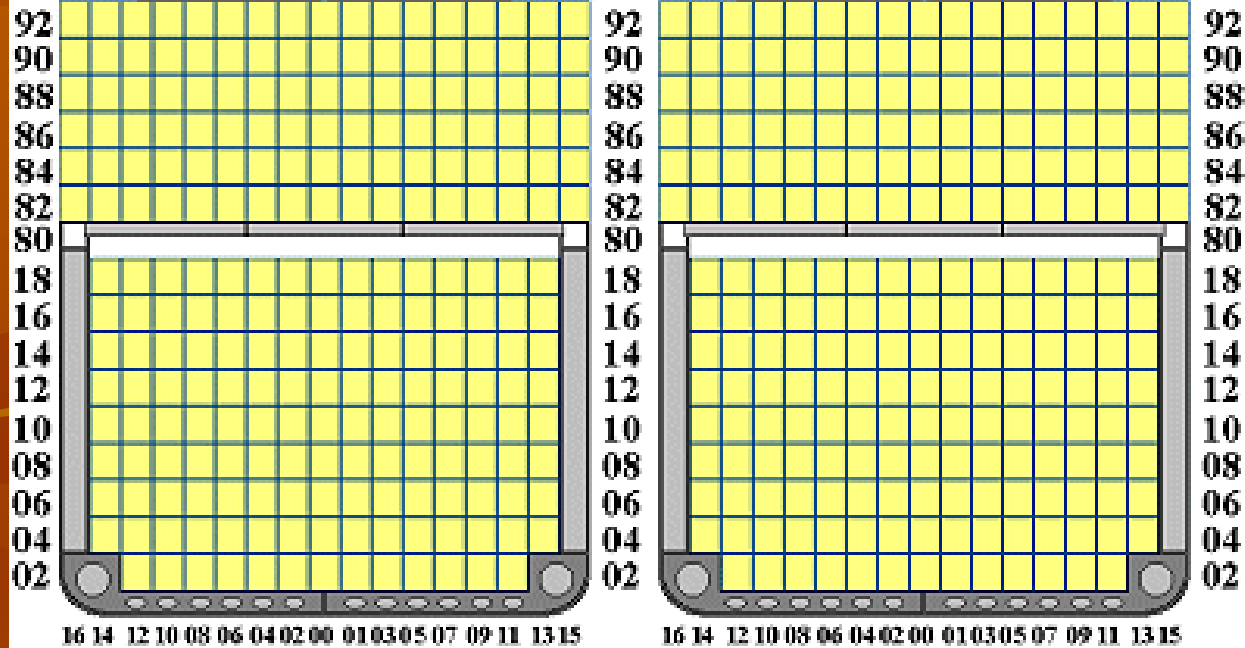
BAY NUMBERS

Bay 53/54

Bay 55

16 14 12 10 08 06 04 02 00 01 03 05 07 09 11 13 15

16 14 12 10 08 06 04 02 00 01 03 05 07 09 11 13 15



TIER NUMBERS

UNDERDECK

(from keel)

=02,04,08,10,12

ON DECK

(from deck up)

=80,82,84,86

All even numbers

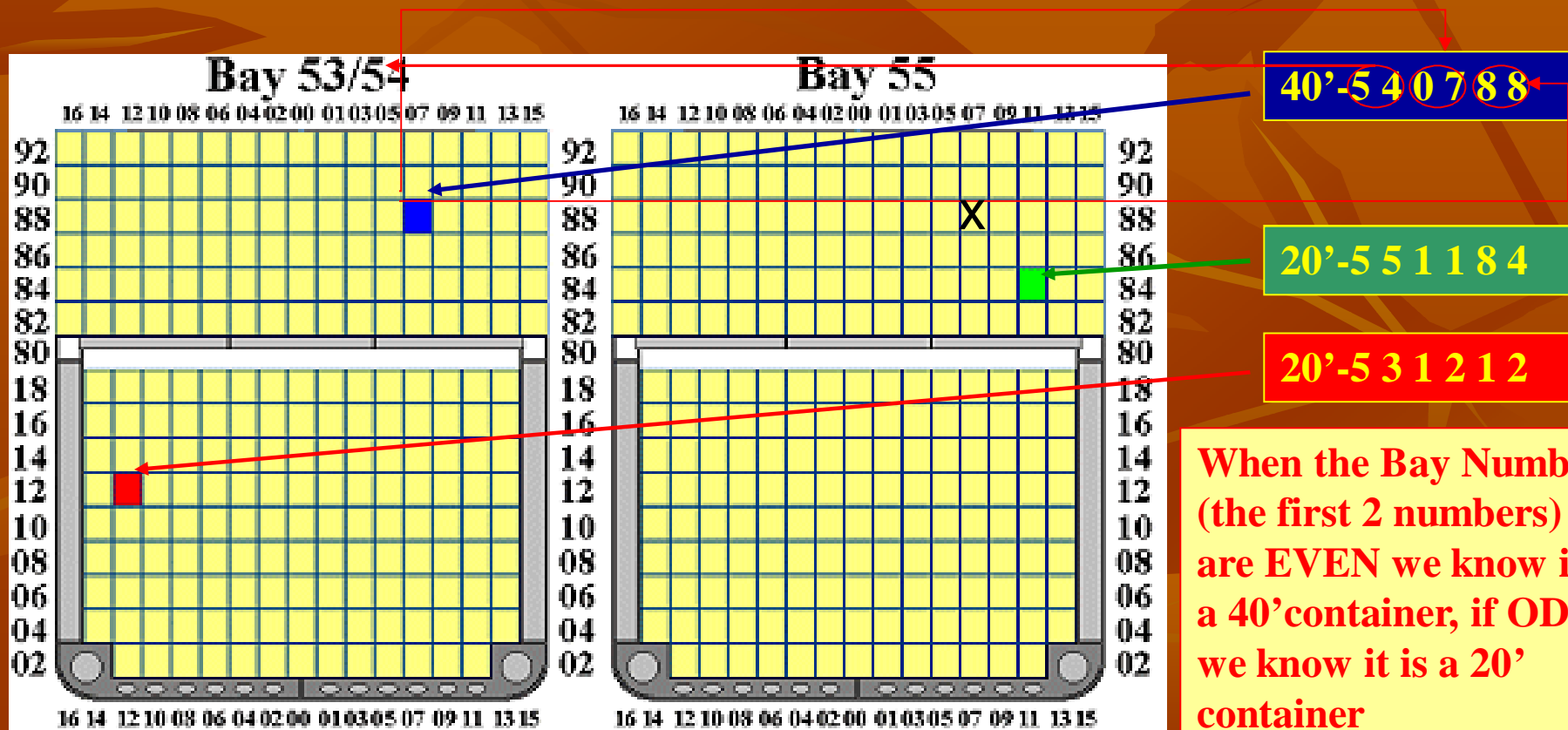
ROW NUMBERS

CENTRE=00 - **PORT=02,04,06** (even numbers) – **STBD=01,03,05** (odd numbers)

So, how do we identify each slot?

BAY-ROW-TIER:

FIRST – Bay Number, SECOND-Row number, THIRD-Tier number

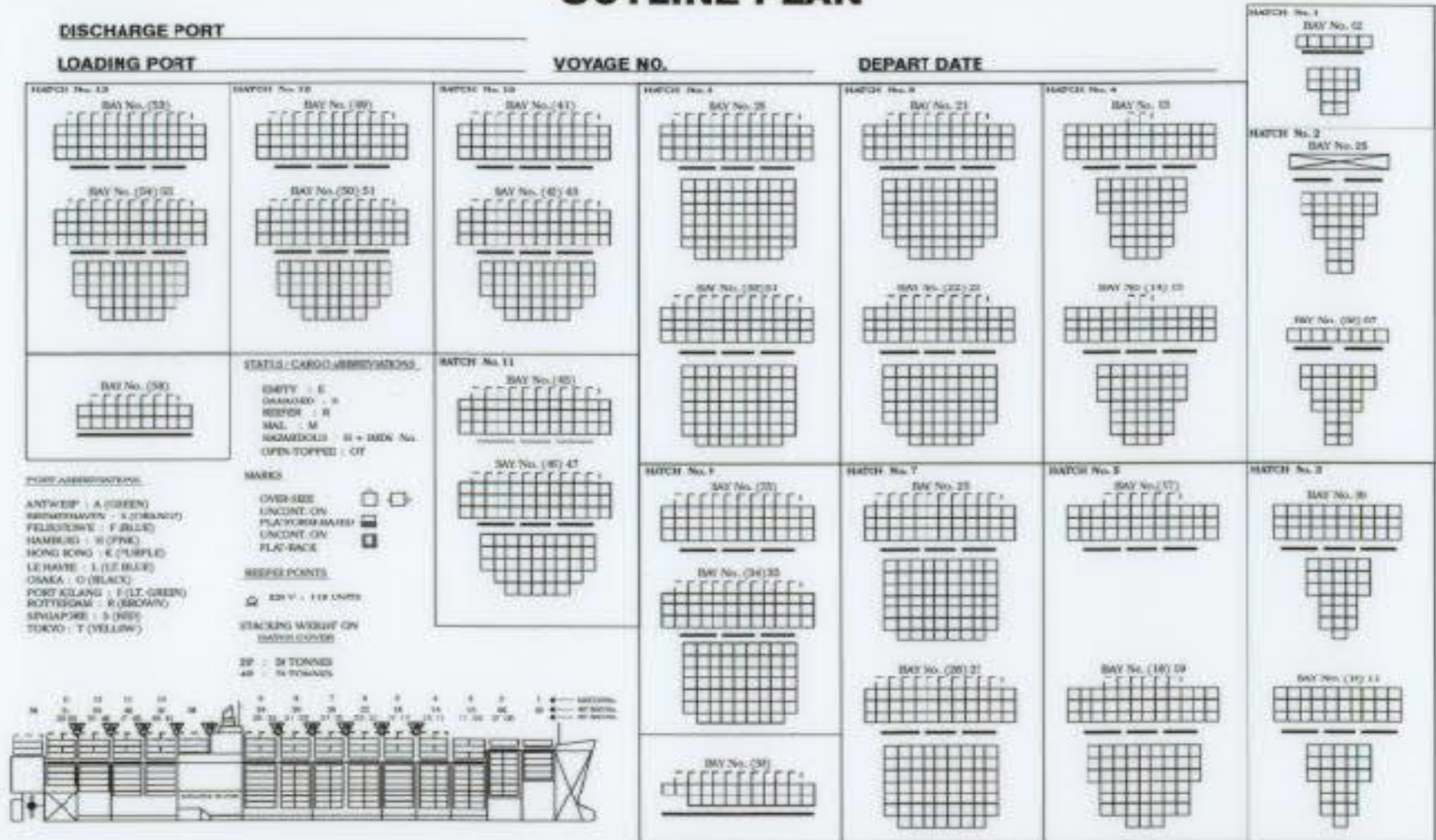


Stowage plans on Container Ships

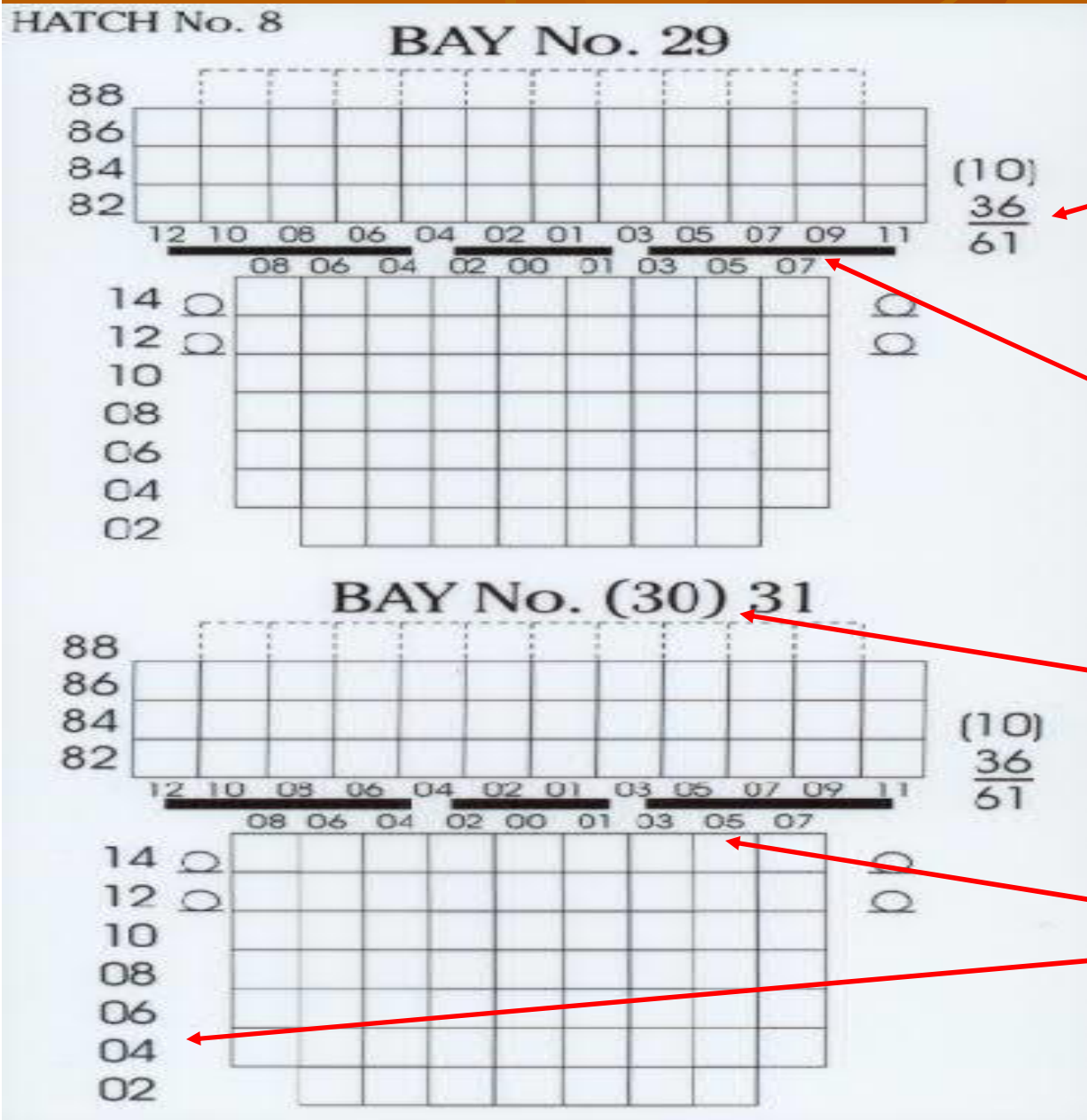
- 1 Outline Plan
- 2 Individual Bay Plan
- 3 Individual Bay Plan

OUTLINE PLAN – Shows all the Bays

OUTLINE PLAN



INDIVIDUAL BAY PLAN – Shows each Bay



Total no of containers
(above deck/below deck)

Shows placement of
Pontoons – to know what
pontoons must be lifted
for which row

40' Bay in brackets (30)
and 20' Bay is 31

Row & Tier numbers
usually marked for easy
reference

INDIVIDUAL BAY PLAN - With container details filled in

VOYAGE NO: 0504 DATE: 08/05/94 PORT: RTM/HAM / HONG KONG
 Discharging Loading

Bay No.21
Under deck
8'6"

RTM/HKG NABU 1713353 MEL 8 5.3	RTM/HKG NABU 2704747 MEL OM 5/5 2.1	RTM/HKG NABU 3074747 MEL 3.67 X 5.37 X 3.27 31.2	RTM/HKG OCLU 4574142 POC 8 2.5	RTM/HKG TOLU 4514144 POC 3 2.5	RTM/HKG OCLU 4142704 POC 8 2.1	RTM/HKG NABU 1403074 MEL 0835 4.7	RTM/HKG HLU 445 468 GOMU 304 41.3 COMU 504 40.8 MEL 3xFL 5.0
RTM/HKG NABU 1249594 POC 8 7.2	RTM/HKG TPBU 6003177 POC 1.3	RTM/HKG ICBU 4440079 MEL 4.6	RTM/HKG NABU 2483299 MEL 2.7	RTM/HKG OCLU 0670156 POC 8 5.8	RTM/HKG OCLU POC	RTM/HKG NABU 2248930 MEL 7.7	RTM/HKG NABU 2248930 MEL 7.7
RTM/HKG OCLU 0456210 POC 7.6	RTM/HKG OCLU 0465036 POC 7.2	RTM/HKG NABU 2475361 MEL 5.4	RTM/HKG NABU 2489260 MEL 6.4	RTM/HKG OCLU 0420182 POC 6.4	RTM/HKG NABU MEL	RTM/HKG NABU 2489260 MEL 6.4	RTM/HKG NABU 2489260 MEL 6.4
RTM/HKG OCLU 0916506 POC 12.5	RTM/HKG NABU 2048193 POC 11.1	RTM/HKG NABU 2118994 MEL 6.1	RTM/HKG OCLU 0464287 POC 7.3	RTM/HKG NABU 2475361 MEL 7.4	RTM/HKG OCLU 0913906 POC 7.1	RTM/HKG NABU 2942265 MEL 7.1	RTM/HKG NABU 2768269 MEL 10.0
RTM/HKG OCLU 0031042 MEL 14.0	RTM/HKG NABU 2884879 MEL 14.0	RTM/HKG OCLU 0121389 POC 7.0	RTM/HKG XTRU 8574801 MEL 14.0	RTM/HKG NABU 2754339 MEL 11.0	RTM/HKG NABU 2466608 MEL 8.7	RTM/HKG TTLU 2504278 MEL 8.0	RTM/HKG NABU 1842146 MEL 8.7
RTM/HKG OCLU 4176034 POC 20.0	RTM/HKG OCLU 0194101 POC 8.1	RTM/HKG NABU 2853820 MEL 11.9	RTM/HKG OCLU 0322403 POC 11.9	RTM/HKG NABU 2450831 MEL 11.9	RTM/HKG OCLU 0637754 POC 18.0	RTM/HKG OCLU 0733594 POC 12.0	RTM/HKG OCLU 4142907 POC 16.4
RTM/HKG OCLU 0139783 POC 18.0	RTM/HKG OCLU 0139783 POC 18.0	RTM/HKG OCLU 0139783 POC 18.0	RTM/HKG OCLU 0139783 POC 18.0	RTM/HKG OCLU 0139783 POC 18.0	RTM/HKG OCLU 0139783 POC 18.0	RTM/HKG OCLU 0139783 POC 18.0	RTM/HKG OCLU 0139783 POC 18.0

RTM/HKG
SCXU 213343 0
18.5T IMDG 4.3

Tonnage	HG	Vertical Moments
45.2	14	633
18.43		
12		
15.84		
10		
67.6	096	
13.25		
08		
85.8	915	
10.66		
06		
107.8	870	
8.07		
04		
94.3	617	
5.48		
02		
91.1	26.3	
2.89		
549.7		5211

Port of Loading / Port of Discharge
 Container number
 Weight
 IMDG Class if any

46.6 x12.09	73.0 x9.45	57.0 x8.81	68.9 x4.17	45.3 x1.53	62.6 x4.17	60.0 x6.81	54.2 x9.45	62.1 x12.09
563 MT	690 MT	388 MT	287 MT	100 MT	261 MT	409 MT	512 MT	751 MT

End of Part II of CONTFAM course

Thank You
For
Your Attention

**Now please proceed to Part III of the
CONTFAM course**