The File Layout of CASP BAYPLAN 6.0.9

(1) Bayplan Header (ASC, OBL)

No	Field Name	Start	Length	Field Description
1	Version Identifier	1	4	{$609}
2	Vessel Code	5	4	{TSPS}
3	Separator 1	9	1	"/"
4	Vessel Name	10	20	{TSB POSEIDON }
5	Separator 2	30	1	"/"
6	Voyage Number	31	12	
7	Separator 3	43	1	"/"
8	User's Name	44	12	{HONGKILDONG }
9	Separator 4	56	1	"/"
10	POD Indicator	57	4	"POD:"
11	Port Of Departure	61	3	
12	Separator 5	64	1	"/"
13	Departure Date	65	8	*YYYYMMDD*
14	Separator 6	73	1	"/"
15	Count Indicator	74	7	"RECORD="
16	The number of CNTRs	81	4	{1234}
17	Separator 7	85	1	"/"
18	Com-Voyage No.	86	12	
19	Separator 8	98	1	"/"
20	Port Voyage No.	99	12	
21	Reserved	111	88	"[Space(88)]"
22	CR/LF	199	2	Carriage Return and Line Feed
	TOTAL	200 Bytes		

(2) Port Rotation (ASC)

No	Field Name	Start	Length	Field Description
1	Prefix	1	18	"$609PORT ROTATION/"
2	Port Rotation	19	150	[Port Code (3)] * 50
3	Reserved	169	30	"[Space(30)]"
4	CR/LF	199	2	Carriage Return and Line Feed
	TOTAL	200 Bytes		

(1) Port Rotation (OBL)

No	Field Name	Start	Length	Field Description
1	Prefix	1	18	"$604OUTBOUND LIST/"
2	Port Rotation	19	150	[Port Code (3)] * 50
3	Reserved	169	30	"[Space(30)]"
4	CR/LF	199	2	Carriage Return and Line Feed
	TOTAL	200 Bytes		

(2) Container Data (ASC)

No	Field Name	Start	Length	Field Description
1	Cell Position	1	7	ISO : BAY+ROW+TIER+Space(1)
2	Container Number	8	12	{ABCD1234567 }
3	Operator Code	20	3	
4	Port Of Origin	23	5	
5	Port Of Loading	28	3	Port Code
6	Port Of Discharging	31	3	Port Code
7	2nd POD (Optional Port)	34	3	Port Code
8	Final POD	37	3	Port Code (MSC Destination)
9	Destination	40	5	(MSC Final POD)
10	Size & Type	45	4	ISO TpSz Code or Private TpSz Code
11	Weight	49	3	In unit of 100 KG ("123" = 12.3T)
12	Full/Empty Indicator	52	1	"F"=Full or "E"=Empty
13	Delivery Mode	53	1	
14	Special Label	54	2	RF / BN / DM / BB / AK
15	Reefer Temperature	56	5	-99.9C = -999C or -99.9F = -999F
16	Internal IMDG Index	61	4	Internal IMDG Index (0000~9999)
17	Voyage No.	65	12	MSC(Terminal POL)
18	2nd Carrier Vessel Code	77	4	
19	2nd Carrier Voyage No.	81	12	MSC(Terminal POD)
20	Over Dimension Height	93	3	In Centimeter
21	Over Dimension Foreward	96	3	In Centimeter
22	Over Dimension Aftward	99	3	In Centimeter
23	Over Dimension Port	102	3	In Centimeter
24	Over Dimension Starboard	105	3	In Centimeter
25	Over Slot Height	108	1	The number of Over Slot occupied
26	Over Slot Port	109	1	The number of Over Slot occupied
27	Over Slot Starboard	110	1	The number of Over Slot occupied
28	Internal REMARK Index	111	4	Internal REMARK Index (0000~9999)
29	Pre-Port of COD	115	3	
30	Pre-Position (Shifting)	118	7	As same as 'Cell Position' field
31	Port Of Shifting	125	3	
32	Shifting Reason	128	3	Why did the shifting happen ?
33	Shifting Account	131	6	Who will pay the shifting charge ?
34	B/L No.	137	16	
35	Shifting Category	153	1	"C", "B", "R", "T"
36	Handling Instruction	154	2	TS/OD/OT/OP/EQ/UD/UT/UW
37	Absolute Constraints	156	2	AB/AL/HS/IS/BC/NO
38	Flip Direction	158	1	"A" = Afterward, "F" = Foreward
39	Door Status	159	1	"O" = Open, "C" = Close
40	G/C No.	160	2	Gentry Crane No. (01~99)
41	Sequence No.	162	4	Working Sequence No. (0000~9999)
42	Yard Block	166	3	Yard Position (Block)
43	Yard Bay	169	3	Yard Position (Bay)
44	Yard Row	172	3	Yard Position (Row)
45	Yard Tier	175	1	Yard Position (Tier)
46	DG Cargo Type	176	1	
47	Custom Hold	177	1	"C"
48	Work Finish ID	178	1	
49	POL Gateway	179	1	

50	POL Sequence	180	1	Reserved
51	POD Gateway	181	1	
52	POD Sequence	182	1	Reserved
53	Place Of Receipt	183	5	
54	The number of shifting	188	1	"1" or "2" = n-time shifting(s)
55	New POL	189	5	
55	New POD	194	5	
56	CR/LF	199	2	
55	Reserved	189	10	Not Use
56	CR/LF	199	2	Not Use
	TOTAL		200 Bytes	

(3) Container Data (OBL)

No	Field Name	Start	Length	Field Description
1	Cell Position	1	7	ISO : BAY+ROW+TIER+Space(1)
2	Container Number	8	12	{ABCD1234567 }
3	Operator Code	20	3	
4	Port Of Origin	23	5	
5	Port Of Loading	28	3	Port Code
6	Port Of Discharging	31	3	Port Code
7	2nd POD (Optional Port)	34	3	Port Code
8	Final POD	37	3	Port Code (MSC Destination)
9	Destination	40	5	(MSC Final POD)
10	Size & Type	45	4	ISO TpSz Code or Private TpSz Code
11	Weight	49	3	In unit of 100 KG ("123" = 12.3T)
12	Full/Empty Indicator	52	1	"F"=Full or "E"=Empty
13	Delivery Mode	53	1	
14	Special Label	54	2	RF / BN / DM / BB / AK
15	Reefer Temperature	56	5	-99.9C = -999C or -99.9F = -999F
16	Internal IMDG Index	61	4	Internal IMDG Index (0000~9999)
17	Voyage No.	65	12	MSC(Terminal POL)
18	2nd Carrier Vessel Code	77	4	
19	2nd Carrier Voyage No.	81	12	MSC(Terminal POD)
20	Over Dimension Height	93	3	In Centimeter
21	Over Dimension Foreward	96	3	In Centimeter
22	Over Dimension Aftward	99	3	In Centimeter
23	Over Dimension Port	102	3	In Centimeter
24	Over Dimension Starboard	105	3	In Centimeter
25	Over Slot Height	108	1	The number of Over Slot occupied
26	Over Slot Port	109	1	The number of Over Slot occupied
27	Over Slot Starboard	110	1	The number of Over Slot occupied
28	Internal REMARK Index	111	4	Internal REMARK Index (0000~9999)
29	Pre-Port of COD	115	5	
30	Pre-Position (Shifting)	120	7	As same as 'Cell Position' field
31	Port Of Shifting	127	5	
32	Shifting Reason	132	3	Why did the shifting happen ?
33	Shifting Account	135	6	Who will pay the shifting charge ?
34	B/L No.	141	16	
35	Shifting Category	157	1	"C", "B", "R", "T"
36	Handling Instruction	158	2	TS/OD/OT/OP/EQ/UD/UT/UW
37	Absolute Constraints	160	2	AB/AL/HS/IS/BC/NO
38	Flip Direction	162	1	"A" = Afterward, "F" = Foreward
39	Door Status	163	1	"O" = Open, "C" = Close
40	G/C No.	164	2	Gentry Crane No. (01~99)
41	Sequence No.	166	4	Working Sequence No. (0000~9999)
42	Yard Block	170	1	Yard Position (Block)
43	Yard Bay	171	1	Yard Position (Bay)
44	Yard Row	172	1	Yard Position (Row)
45	Yard Tier	173	1	Yard Position (Tier)
46	DG Cargo Type	174	1	
47	Custom Hold	175	1	"C"
48	Work Finish ID	176	1	
49	POL Gateway	177	1	

50	POL Sequence	178	1	Reserved
51	POD Gateway	179	1	
52	POD Sequence	180	1	Reserved
53	Place Of Receipt	181	5	
54	The number of shifting	186	1	"1" or "2" = n-time shifting(s)
55	New POL	187	5	
56	New POD	192	5	
56	Reserved	197	2	
55	OBL Cargo Type	187	7	Not Use
56	Reserved	194	5	Not Use
57	CR/LF	199	2	
	TOTAL	200 Bytes		

(4) Special Remark (ASC, OBL)

[***Refer to the following remark.] + SPACE(165) + CR/LF = 200

No	Field Name	Start	Length	Field Description
1	Remark No.	1	4	
2	Space	5	1	"Space(1)"
3	Free Text	6	70	Free Text
4	BN Container List	76	3	BN/
5	1st BN Cno	79	12	1st Bundle Container Number
6	CNo Separator 1	91	1	"/"
7	2nd BN Cno	92	12	2nd Bundle Container Number
8	CNo Separator 2	104	1	"/"
9	3rd BN Cno	105	12	3rd Bundle Container Number
10	CNo Separator 3	117	1	"/"
11	4th BN Cno	118	12	4th Bundle Container Number
12	CNo Separator 4	130	1	"/"
13	Break Bulk Indicator	131	3	*BB
14	BB Separator 1	134	1	"/"
15	Field Sequence Description	135	3	"LBH" (Length/Breadth/Height)
16	BB Separator 2	138	1	"/"
17	The length of BB	139	4	
18	BB Size Separator 1	143	1	"[Space(1)]"
19	The Breadth of BB	144	4	
20	BB Size Separator 2	148	1	"[Space(1)]"
21	The Height of BB	149	4	
22	BB Separator 3	153	1	"/"
23	Substance	154	5	
24	Reserved	159	42	
	TOTAL	200 Bytes		

(5) IMDG Data (ASC, OBL)

[***Refer to the following IMDG.] + SPACE(167) + CR/LF = 200

No	Field Name	Start	Length	Field Description
1	Internal IMDG Index	1	4	Index in ASC (0000~9999)
2	Sub Index	5	2	Sub Index (00~99)
3	IMDG Code (Class No.)	7	2	{31} = Class 3.1
4	UN Number	9	4	{1234}
5	Net Weight	13	5	{12345} = 12.35 tons
6	Subsidiary Risk 1	18	2	
7	Subsidiary Risk 2	20	2	
8	Subsidiary Risk 3	22	2	
9	Packing Group	24	2	**Not Applicable** (Subsidiary Risk 4)
10	IMDG Acceptance No.	26	7	
11	Excepted Quantity	33	1	(EMC/WHL Using Excepted Quantity)
12	OBL DG Cargo Type	34	6	
13	Limited Quantity	40	1	(Y : Under, N : Over)
14	Co-Loaded	41	1	

15	Marin Pollution	42	1	(EMC/WHL Using Excepted Quantity)
16	Reserved	43	102	
17	OBLIndex	145	4	OBL Index
18	Flash Point	149	4	
19	Remark	153	46	
20	CR/LF	199	2	Carriage Return and Line Feed
	TOTAL	200 Bytes		

(1) Container Data (OBL)

No	Field Name	Start	Length	Field Description
1	Cell Position	1	7	ISO : BAY+ROW+TIER+Space(1)
2	Container Number	8	12	{ABCD1234567 }
3	Operator Code	20	3	
4	Port Of Origin	23	5	
5	Port Of Loading	28	3	Port Code
6	Port Of Discharging	31	3	Port Code
7	2nd POD (Optional Port)	34	3	Port Code
8	Final POD	37	3	Port Code (MSC Destination)
9	Destination	40	5	(MSC Final POD)
10	Size & Type	45	4	ISO TpSz Code or Private TpSz Code
11	Weight	49	3	In unit of 100 KG ("123" = 12.3T)
12	Full/Empty Indicator	52	1	"F"=Full or "E"=Empty
13	Delivery Mode	53	1	
14	Special Label	54	2	RF / BN / DM / BB / AK
15	Reefer Temperature	56	5	-99.9C = -999C or -99.9F = -999F
16	Internal IMDG Index	61	4	Internal IMDG Index (0000~9999)
17	Voyage No.	65	12	
18	2nd Carrier Vessel Code	77	4	
19	2nd Carrier Voyage No.	81	12	
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24	Over Dimension Starboard	105	3	In Centimeter
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28	Internal REMARK Index	111	4	Internal REMARK Index (0000~9999)
29	Pre-Port of COD	115	5	
30	Pre-Position (Shifting)	120	7	As same as 'Cell Position' field
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35	Shifting Category	157	1	"C", "B", "R", "T"
36	Handling Instruction	158	2	TS/OD/OT/OP/EQ/UD/UT/UW
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41	Sequence No.	166	4	Working Sequence No. (0000~9999)
42	Yard Block	170	1	Yard Position (Block)
43	Yard Bay	171	1	Yard Position (Bay)
44	Yard Row	172	1	Yard Position (Row)
45	Yard Tier	173	1	Yard Position (Tier)
46	DG Cargo Type	174	1	
47	Custom Hold	175	1	"C"
48	Work Finish ID	176	1	
49	POL Gateway	177	1	

50	POL Sequence	178	1	Reserved
51	POD Gateway	179	1	
52	POD Sequence	180	1	Reserved
53	Place Of Receipt	181	5	
54	The number of shifting	186	1	"1" or "2" = n-time shifting(s)
55	New POL	187	5	
56	New POD	192	5	
56	Reserved	197	2	
55	OBL Cargo Type	187	7	Not USE
56	Reserved	194	5	Not USE
57	CR/LF	199	2	
	TOTAL	200 Bytes		

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